



Annual Report 2013

INDEX

1. ORGANIZATION	3
Introduction	4
Lists of the Groups and Consortium Institutions	6
Organizational Governance and Management Structure	8
2013 Budget	10
CIBER-ESP Staff 2013	11
Scientific Production	12
2. SCIENTIFIC PROGRAMMES	15
P1. Epidemiology and Prevention of Chronic Diseases	17
P2. Communicable Disease Surveillance, Prevention and Control	20
P3. Biological, Behavioral and Structural Determinants in the Contraction and Spread of Communicable Diseases in Vulnerable Populations (DAPET Programme)	22
P4. Social Determinants of Health	25
P5. Epidemiology and Prevention of Environmental and Occupational Diseases	28
P6. Health Service Evaluation	31
P7. Clinical Epidemiology	33
3. RESEARCH SUPPORT PLATFORMS	37
BiblioPRO	38
Observatory of Inequality (ODDS)	41
4. HORIZONTAL PROGRAMMES	43
Training Plan	44
Transfer Results	46
Dissemination Actions	47
5. RESEARCH GROUPS	51
6. ANNEX	147



1

Organization



Introduction

The Centro de Investigación Biomédica en Red de Epidemiología y Salud Pública (CIBER in the area of Epidemiology and Public health), CIBERESP, is a national public consortium which reports to the Ministry of Economy and Competitiveness through Instituto de Salud Carlos III (ISCIII) of which it is a source of instrumental means and technical service in matters constituting its purposes. The mission of CIBERESP is to promote, conduct and transfer large-scale scientific research in the pertinent field to society for health enhancement and protection.

CIBERESP is a legal entity with private equity (Law 30/1992) having the following specific purposes:

- Conducting joint programmes for research, development and innovation in the line of Epidemiology and Public Health.
- Contributing to solving healthcare problems relating to said area.
- Promoting participation in national research activities and particularly activities included in the European Framework Programmes for R+D+I.
- Promoting the transfer of results derived from the research processes to society and particularly to the production sector.
- Promoting dissemination of its activities and training of competitive investigators in the field of Epidemiology and Public Health.

The creation process starts with the official publication of the regulatory framework (Ministerial Order SCO/806/2006) and of the relevant call for proposal (ISCIII Resolution, March 30, 2006), encompassed in the framework of the Ingenio 2010 Initiative, CONSOLIDER Programme. However, the Consortium has its roots in the earlier call for proposal (2002) with the creation of different group networks including some that particularly stand out, namely, Childhood and the Environment (INMA) Group Network, Epidemiology and Public Health Centre (RCESP) network, Group Network for Research in Healthcare Services (IRYSS) and Network for Evidence-based Medicine (EBM).

The Consortium was formed on December 29, 2006 by signing the collaboration agreement for its creation (Official State Journal, February 22, 2011) between Instituto de Salud Carlos III, the Consejo Superior de Investigación Científica, certain research centres from the Autonomous Communities of Andalusia, Catalonia, Valencia, Galicia, Madrid, Region of Murcia, Chartered Community of Navarre and the Basque Country, and other centres or institutions that are not affiliated with the Public Administrations and the approval of its Bylaws, which were amended in 2010 (Official State Journal, February 22, 2011). Said amendment was fully in force in 2011.

2013 was characterized by a collection of management and scientific initiatives intended for consolidating this new reality. Some of the activities conducted during the year that stand out are:

- 2011-2014 Strategic Plan Follow-up.
- 2013 Action Plan Execution.
- Research Subprogramme Consolidation.
- Execution of actions provided in the Training Plan.
- Obtaining both public and private external funding for CIBERESP activities and projects.
- Development of communication and dissemination activities (Newsletter, dissemination through the web, etc.).

The annual evaluation conducted in 2011 by the ISCIII Technical Evaluation Commission gave an excellent assessment of the Consortium as a result of the effort and the capacity of the research groups making up the Consortium. Said research groups are formed by a critical mass of professionals that are highly knowledgeable in epidemiology and public health. The recommendations of said Commission have been incorporated in the 2013 Multiannual Plan and 2013 Annual Plan and they include, most particularly, i) launching new collaborative initiatives involving the highest possible number of groups in the long term; ii) maximizing the international impacts of original articles published by CIBERESP to enhance its presence and leadership; iii) fomenting leadership in international projects; iv) continuing with a governance policy that grants autonomy and responsibility to programme coordinators.



Lists of the Groups and Consortium Institutions

CIBERESP is a national research centre currently formed by 32 different institutions representing 48 research groups in Epidemiology and Public Health making up the CIBER. Its territorial implementation covers 9 Autonomous Communities and different types of centres: research centres (32%), universities (32%), healthcare centres (18%), public administrations (15%), and schools of public health (3%).

The list of CIBERESP groups in the fiscal year 2013 is attached below.

Lists of the Groups and Institutions

GROUP	LEAD RESEARCHER	INSTITUTION
01	Domínguez García, Angela	UNIVERSIDAD DE BARCELONA
02	Moya Simarro, Andrés	UNIVERSIDAD DE VALENCIA
03	Borrell Thió, Carme	AGENCIA DE SALUD PÚBLICA DE BARCELONA
04	Calderón Sandubete, Enrique José	FUNDACIÓN PÚBLICA ANDALUZA PARA LA GESTIÓN DE LA INVESTIGACIÓN EN SALUD DE SEVILLA
05	Rodríguez Farré, Eduardo	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS
06	Bolumar Montrull, Francisco	UNIVERSIDAD DE ALCALÁ
07	López-Abente Ortega, Gonzalo	INSTITUTO DE SALUD CARLOS III
08	Ferreira González, Ignacio	FUNDACIÓN INSTITUT DE RECERCA HOSPITAL UNIVERSITARIO VALLE DE HEBRÓN
09	Alonso Caballero, Jordi	CONSORCIO MAR PARC DE SALUT DE BARCELONA (PSMAR)
11	Castilla Catalán, Jesús	INSTITUTO DE SALUD PÚBLICA DE NAVARRA
12	Cayla Buqueras, Juan Arturo	AGENCIA DE SALUD PÚBLICA DE BARCELONA
13	Echevarría Mayo, Juan Emilio	INSTITUTO DE SALUD CARLOS III
14	Gestal Otero, Juan Jesús	UNIVERSIDAD DE SANTIAGO DE COMPOSTELA
15	Espallargues Carreras, Mireia	AGENCIA DE INFORMACIÓN, EVALUACIÓN Y CALIDAD EN SALUD
16	Delgado Rodríguez, Miguel	UNIVERSIDAD DE JAÉN
17	Morales Suárez-Varela, M ^a Manuela del Mar	UNIVERSIDAD DE VALENCIA
18	López Medina, María José	AGENCIA DE SALUD PÚBLICA DE BARCELONA
19	Olea Serrano, Nicolás	FUNDACIÓN INV. BIOSANITARIA EN ANDALUCÍA ORIENTAL (FIBAO)

GROUP	LEAD RESEARCHER	INSTITUTION
20	Marcos Dauder, Ricardo	UNIVERSIDAD AUTÓNOMA DE BARCELONA
21	De la Fuente de Hoz, Luis	INSTITUTO DE SALUD CARLOS III
22	Estivill Palleja, Xavier	FUNDACIÓN CENTRO DE REGULACIÓN GENOMICA
23	Gómez de la Cámara, Agustín	SERVICIO MADRILEÑO DE SALUD
24	Navarro Sánchez, Carmen	FUNDACIÓN PARA LA FORMACIÓN E INVESTIGACIÓN SANITARIAS
25	Rodríguez Artalejo, Fernando	UNIVERSIDAD AUTÓNOMA DE MADRID
26	Hernández Aguado, Ildefonso	UNIVERSIDAD MIGUEL HERNÁNDEZ
27	Casabona Barbarà, Jordi	FUNDACIÓN INSTITUTO DE INVESTIGACIÓN GERMANS TRIAS Y PUJOL
28	Dorronsoro Iraeta, Mirem	ASOCIACIÓN INSTITUTO BIODONOSTIA
29	Menéndez Santos, Clara	HOSPITAL CLÍNICO Y PROVINCIAL DE BARCELONA
30	Schröder, Helmut	CONSORCIO MAR PARC DE SALUT DE BARCELONA (PSMAR)
32	De Mateo Ontañón, Salvador	INSTITUTO DE SALUD CARLOS III
33	Baquero Mochales, Fernando	SERVICIO MADRILEÑO DE SALUD
34	Sánchez Pérez, María José	ESCUELA ANDALUZA DE SALUD PÚBLICA
35	Porta Serra, Miquel	CONSORCIO MAR PARC DE SALUT DE BARCELONA (PSMAR)
36	De Sanjosé Llongueras, Silvia	INSTITUTO CATALAN DE ONCOLOGÍA
38	Kogevinas, Emmanouil	CENTRO DE INVESTIGACIÓN EN EPIDEMIOLOGÍA AMBIENTAL (CREAL)
39	Emparanza Knorr, José Ignacio	ASOCIACIÓN INSTITUTO BIODONOSTIA
40	Sunyer Deu, Jordi	CENTRO DE INVESTIGACIÓN EN EPIDEMIOLOGÍA AMBIENTAL (CREAL)
41	Ballester Díez, Ferrán	CENTRO SUPERIOR DE INVESTIGACIÓN EN SALUD PÚBLICA (CSISP)
42	Abraira Santos, Víctor J.	SERVICIO MADRILEÑO DE SALUD
43	Bonfill Cosp, Xavier	INSTITUTO DE INVESTIGACIÓN SANTA CRUZ Y SAN PABLO
44	Bueno Cavanillas, Aurora	UNIVERSIDAD DE GRANADA
46	Daponte Codina, Antonio	ESCUELA ANDALUZA DE SALUD PÚBLICA
47	García Benavides, Fernando	UNIVERSIDAD POMPEU FABRA
50	Ruiz Pérez, Isabel	ESCUELA ANDALUZA DE SALUD PÚBLICA
51	Saez Zafra, Marc	UNIVERSIDAD DE GERONA
53	Tardón García, Adonina	UNIVERSIDAD DE OVIEDO
55	Moreno Aguado, Víctor	INSTITUTO CATALÁN DE ONCOLOGÍA
54 A*	Del Amo Valero, Julia	INSTITUTO DE SALUD CARLOS III

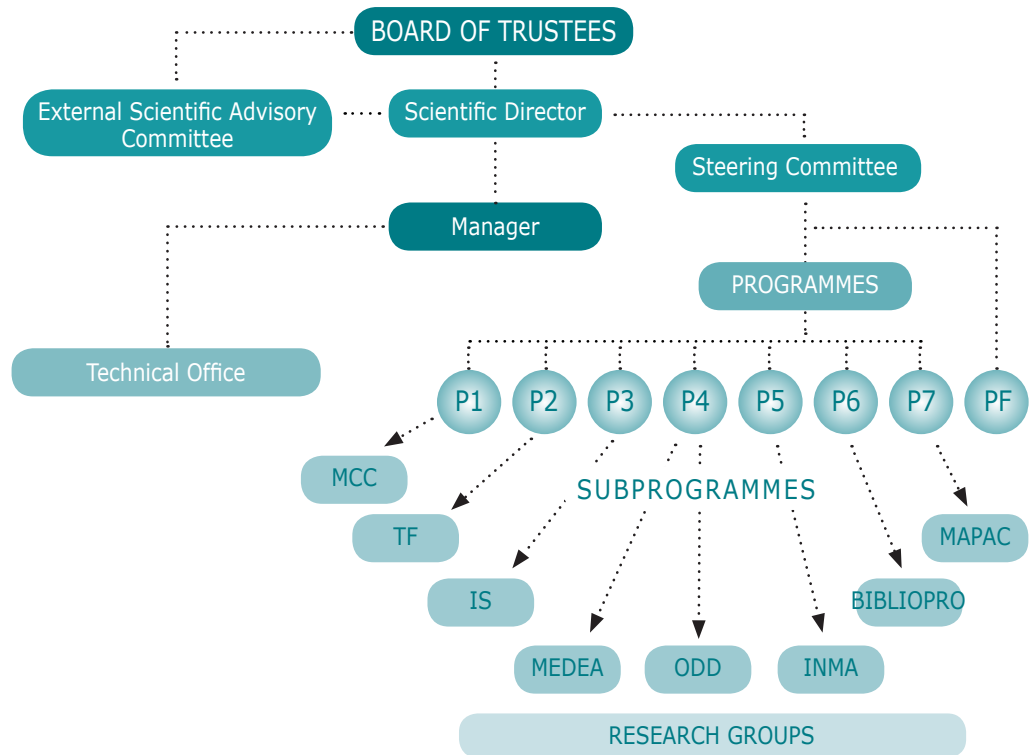
* Associated group



Organizational Governance and Management Structure

Figure 1 schematically shows the organizational structure of CIBERESP in 2013.

Organization Flow Chart



The Board of Trustees and Scientific Management are the Governance Body of CIBERESP. The Board of Trustees, the main governance body of the Consortium, is formed by three representatives from Instituto de Salud Carlos III and one institutional representative from each of the consortium entities. The Board is chaired by the Director of Instituto de Salud Carlos III with the participation of the CIBERESP Scientific Director and Manager with speaking but not voting privileges.

The Board of Trustees can meet as a plenary session or as a Permanent Commission chaired by the Assistant Director of Cooperative Research Centres and Networks, with the participation of four representatives from the consortium entities and the CIBERESP Scientific Director and Manager with speaking but not voting privileges.

The CIBERESP Board of Trustees met as a plenary session on two occasions, on June 12 and on December 16, as provided for in the Bylaws. Three Permanent Commission meetings were held throughout 2013.

Governance Body

Advisory Bodies

CIBERESP has two Advisory Bodies: the External Scientific Advisory Committee and the Steering Committee.

External Scientific Advisory Committee

This committee, a general scientific support and advisory body to the Board of Trustees, is formed by internationally renowned scientists in the field of health sciences who have distinguished themselves through their professional or scientific work in line with the objectives of the Consortium.

In December 2010, the Board of Trustees approved the current composition of the External Scientific Committee consisting of the following professionals:

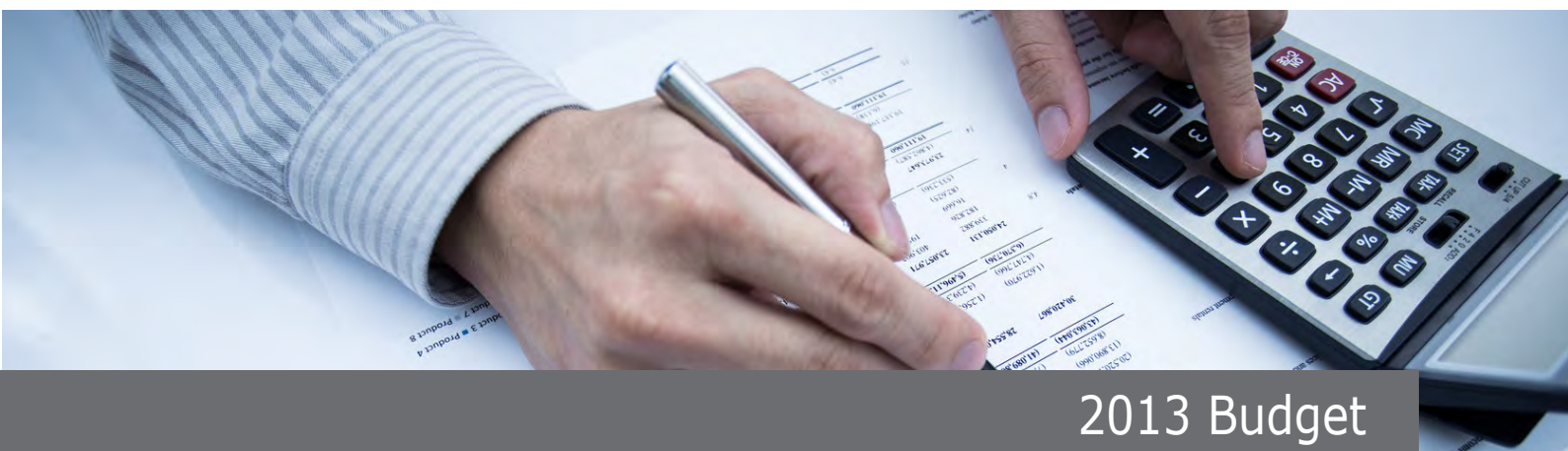
- Alejandro Jadad (Professor, ehealthorganization, Canada).- Committee Chairperson.
- Francisco Javier Nieto (Professor, University of Wisconsin, United States)
- Isabelle Romieu (Service Manager, IARC, Lyon)
- Ciro de Cuadros (Vice-chairperson, Sabin Vaccine Institute, Washington, United States)
- Naomar de Almeida Filho (Professor and former Chancellor, University of Bahía, Brazil)

Steering Committee

The Steering Committee is chaired by the Director Scientific and consists of the Assistant Director of CIBERESP, the coordinators of the seven research programmes, Training Programme coordinator and the Manager.

Name	Position	Programme
Delgado Rodríguez, Miguel	Director Scientific	
Domínguez García, Ángela	Assistant Director	
Rodríguez Artalejo, Fernando	Programme Coordinator	P1 Epidemiology and prevention of chronic diseases
Caylà Buqueras, Joan Artur	Programme Coordinator	P2 Communicable disease surveillance, prevention and control
Casabona Barbarà, Jordi	Programme Coordinator	P3 Biological, Behavioral and Structural Determinants in the Contraction and Spread of Communicable Diseases in Vulnerable Populations (DAPET Programme)
Daponte Codina, Antonio	Programme Coordinator	P4 Social Determinants of Health
Tardón García, Adonina	Programme Coordinator	P5 Epidemiology and Prevention of Environmental and Occupational Diseases
Espallargues Carreras, Mireia	Programme Coordinator	P6 Health Service Evaluation
De la Cruz Bertolo, Javier	Programme Coordinator	P7 Clinical Epidemiology
García Benavides, Fernando	Training Coordinator	PF Training Plan

Throughout 2013, the CIBERESP Steering Committee met on four occasions, alternating between face-to-face meetings and teleconferences. Each of these meetings has been put on official record indicating the agenda and resolutions adopted.



2013 Budget

Type	Sub-type	Total
Research	Group	3.169.583,13
Research	Programmes	519.310,93
Training	Training	18.874,55
Coordination	Technical Office	510.080,73
Coordination	Scientific Management	6.307,56
Coordination	Framework Agreements Fee	76.306,97
Coordination	DEDIPAC, Group adjustments	30.000,00
SUBTOTAL FOR ISCIII GRANT/TRANSFER		4.330.463,87
Projects	Grants	275.086
Projects	Others: Service provision, collaborations, etc.	348.117
EXTERNAL FUNDING SUBTOTAL		623.203,00
TOTAL		4.953.666,87

CIBER-ESP Staff 2013

The average number of employees throughout the fiscal year ending December 31, 2013 is shown in the following table:

	Employees hired initially	Employees hired during the period	Employee redundancy during the period	Employees hired at the end	Ave. No. of disabled employees >0=33%	Ave. No. of employees Total
MANAGEMENT TECHNICIANS	3	13	16	0	0	9,280
001 - ID POST DOC INVESTIGATOR A1	9	0	11	0	0	9,880
002 - ID POST DOC INVESTIGATOR A2	5	0	5	0	0	4,669
003 - ID POST DOC INVESTIGATOR A3	4	1	5	0	0,573	3,573
023 - ID POST DOC INVEST A4	2	1	3	0	0	1,124
005 - TI TECHNICAL INVESTIGATOR B1	18	1	18	0	0	13,921
006 - TI TECHNICAL INVESTIGATOR B2	8	0	8	0	0	6,218
007 - TI TECHNICAL INVESTIGATOR B3	11	0	11	0	0	8,757
008 - TI TECHNICAL INVESTIGATOR B4	7	0	7	0	0	4,271
009 - TA RESEARCH SUPP. TECH. C1	5	0	5	0	0	4,366
010 - TA RESEARCH SUPP. TECH. C2	5	0	5	0	0	3,941
011 - TA RESEARCH SUPP. TECH. C3	4	0	4	0	0	3,126
012 - TA RESEARCH SUPP. TECH. C4	1	0	1	0	0	1,000
013 - PS SUPPORT STAFF D1	3	0	3	0	0	2,060
035 - PS SUPPORT STAFF D4	1	0	1	0	0	1,000
Undertaking Total	86	16	103	0	0,573	77,186



Scientific Production

Scientific Production Analysis

Scientific production is an essential indicator for rating the degree of excellence and development of new certified knowledge generation. Measuring scientific production using bibliometric indicators allows describing the impact of the knowledge derived from R+D+I activities, characterizing investigator patterns and profiles and promoting a favorable social image which justifies the return of the investment in science and technology to society in general.

In this report, first generation quantitative relative indicators are applied to CIBERESP scientific production, measured through the number of publications which are included in the Web of Science (WoS) throughout 2013 and involve the participation of 48 active CIBERESP research groups at the end of fiscal year 2013.

Productivity evolution over time

The total volume of scientific communications accumulated by CIBERESP research groups and computed in 2013 were taken into account to obtain the indicators.

Number of publications and Accumulated Impact Factor 2013	
Indicator	2013
Publications	905
IntraCIBERESP	469
IntraCIBERESP 1Q	175

Accumulated Publications of CIBERESP Research Groups 2013	
Indicator	2013
Publications	1.204
First decile	389
First quartile	397
Remaining quartiles	418
IntraCIBERESP Collaborative Publications	469

**Productivity
Distribution of
CIBERESP
Research Groups**

GROUP	PI	ENTITY	Total
G. 01	Domínguez García, Angela	Universidad de Barcelona	33
G. 02	Moya Simarro, Andrés	Universidad de Valencia	19
G. 03	Borrell Thió, Carme	Agència de Salut Pública de Barcelona	57
G. 04	Calderón Sandubete, Enrique J.	Fundación Pública Andaluza para la Gestión de la Investigación en Salud en Sevilla	5
G. 05	Rodríguez Farré, Eduard	Agencia Estatal Consejo Superior de Investigaciones Científicas	3
G. 06	Bolumar Montrull, Francisco	Universidad de Alcalá	15
G. 07	López-Abente Ortega, Gonzalo	Instituto de Salud Carlos III	27
G. 08	Ferreira González, Ignacio	Fundación Hospital Universitario Vall d'Hebron - Institut de Recerca (Vhir)	6
G. 09	Alonso Caballero, Jordi	Consorci Mar Parc Salut de Barcelona	39
G. 11	Castilla Catalán, Jesús	Instituto de Salud Pública de Navarra	86
G. 12	Cayla Buqueras, Joan Artur	Agència de Salut Pública de Barcelona	24
G. 13	Echevarría Mayo, Juan Emilio	Instituto de Salud Carlos III	7
G. 14	Gestal Otero, Juan Jesús	Universidad de Santiago de Compostela	9
G. 15	Espallargues Carreras, Mireia	Agència d'Informació, Avaluació i Qualitat en Salut	5
G. 16	Delgado Rodríguez, Miguel	Universidad de Jaén	27
G. 17	Morales Suárez-Varela, M ^a Manuela	Universidad de Valencia	24
G. 18	López Medina, María José	Agència de Salut Pública de Barcelona	16
G. 19	Olea Serrano, Nicolás	Fundación para la Investigación Biosanitaria en Andalucía Oriental (FIBAO)	26
G. 20	Marcos Dauder, Ricardo	Universitat Autònoma de Barcelona	11
G. 21	De La Fuente de Hoz, Luis	Instituto de Salud Carlos III	27
G. 22	Estivill Pallejà, Xavier	Fundació Privada Centre de Regulació Genòmica (CRG)	21
G. 23	Gómez de La Camara, Agustín	Hospital Universitario 12 de Octubre	17
G. 24	Navarro Sánchez, Carmen	Fundación para la Formación e Investigación Sanitarias de la Región de Murcia	38
G. 25	Rodríguez Artalejo, Fernando	Universidad Autónoma de Madrid	21
G. 26	Hernández Aguado, Ildefonso	Universidad Miguel Hernández	4
G. 27	Casabona Barbarà, Jordi	Fundació Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol	11
G. 28	Dorronsoro Iraeta, Miren	Asociación Instituto Biodonostia	46
G. 29	Menéndez Santos, Clara	Hospital Clínic i Provincial de Barcelona	49
G. 30	Schröder, Helmut	Consorci Mar Parc Salut de Barcelona	16
G. 32	De Mateo Ontañón, Salvador	Instituto de Salud Carlos III	5
G. 33	Baquero Mochales, Fernando	Hospital Universitario Ramón y Cajal	27
G. 34	Sánchez Pérez, María José	Escuela Andaluza de Salud Pública	77
G. 35	Porta Serra, Miquel	Consorcio Mar Parc de Salut de Barcelona	14
G. 36	De Sanjosé Llongueras, Silvia	Institut Català d'Oncologia (ICO)	28
G. 38	Kogevinas, Emmanouil	Centre de Recerca en Epidemiologia Ambiental (CREAL)	66
G. 39	Emparanza Knörr, José Ignacio	Asociación Instituto Biodonostia	7
G. 40	Sunyer Deu, Jordi	Centre de Recerca en Epidemiologia Ambiental (CREAL)	55

GROUP	PI	ENTITY	Total
G. 41	Ballester Díez, Ferrán	Fundación para la Investigación Sanitaria y Biomédica de la Comunidad Valenciana (FISABIO)	43
G. 42	Abraira Santos, Víctor J	Hospital Ramón y Cajal	18
G. 43	Bonfill Cosp, Xavier	Fundación Instituto de Investigación Hospital de la Santa Cruz y San Pablo	38
G. 44	Bueno Cavanillas, Aurora	Universidad de Granada	44
G. 46	Daponte Codina, Antonio	Escuela Andaluza de Salud Pública	14
G. 47	García Benavides, Fernando	Universitat Pompeu Fabra	28
G. 50	Ruiz Pérez, Isabel	Escuela Andaluza de Salud Pública	24
G. 51	Saez Zafra, Marc	Universitat de Girona	18
G. 53	Tardón García, Adonina	Universidad de Oviedo	24
G. 55	Moreno Aguado, Víctor	Institut Català d'Oncologia (ICO)	11
Total			1204

Journals and impact of CIBERESP group publications

All the articles and reviews analyzed in this report are published in journals indexed in the Web of Science (WoS) and referred to in the 2011 Journal Citation Reports. The quartile distribution of the journals in circulation and types of publication according to the Impact factor is provided in detail in the following table.

Quartile and first decile distribution of the impact factor by types of publication.

Type	QUARTILE DISTRIBUTION					Total
	D1	Q1	Q2	Q3	Q4	
Article	366	384	268	87	42	1147
Review	20	12	3	4	0	39
SubTotal	386	396	271	91	42	1.186
Editorial	3	2	12	1	0	18
Total	389	398	283	92	42	1.204



2

Scientific Programmes

The validity of the Strategic Plan governing the scientific activity of CIBERESP since its creation ended in 2010. The amendment to the Bylaws together with the new challenges identified throughout the 2007-2010 period underlined the need to adapt the Multiannual Action Plan of the Consortium for the 2011-2014 period to the new detected needs.

In 2013, efforts in planning the scientific activity of the Consortium focused on the consolidation of a new Strategic Plan for the four-year 2011-2014 period.

The result of this process was reflected in a document characterized by the definition of seven scientific research and collaborative programmes in the area of epidemiology and public health and a training plan. Each of said programmes is led by a coordinator, who is a member of the Consortium Steering Committee, with strategic objectives defined for the period and main lines of research aimed at fulfilling all these objectives. The activity of each research group is comprised in one of the seven research programmes within which one or more strategic subprogrammes are in turn defined. The definition of these strategic subprogrammes involved the act of specifying the activities to be promoted in the next four years. These activities are important collaborative research initiatives that bring together many CIBERESP groups and institutions and receive an institutional framework and complementary funding from the consortium assuring their stability and reinforcing their scientific quality, collaboration and coordination.

CIBERESP operating as a networking centre is fully committed to intramural collaboration, both intra-programme and inter-programmes, having stable bridges of collaboration among the groups forming it. At the same time, reinforcing collaborations with other national and international research centres has been proposed, thus allowing large-scale research projects that would be difficult to conduct alone.

Similarly, in its new Strategic Plan CIBERESP expresses the need to reinforce its participation on an international level, both at the research project level and by means of participation in European policy decision-making forums, including an individualized internationalization plan for each programme.

CIBERESP also does not overlook the need to disseminate and communicate the research results obtained, a basic activity for transferring the generated knowledge and for assessing R+D+I activity, reserving within each programme a section aimed particularly at communication and dissemination of these results.

The Consortium as a public centre also undertakes to promote scientific culture by using the technical resources at its disposal and particularly its web portal, and by participating in initiatives aimed at disseminating scientific knowledge and activity to society as a whole, such as Science Week.

The initiatives and results obtained throughout 2013 with particular attention to the most outstanding strategic subprogrammes in progress throughout this year are described below.

Epidemiology and Prevention of Chronic Diseases

Programme description

The research programme in epidemiology and prevention of chronic diseases arises from the recognition that the risk and prognostic factors of primary diseases and other chronic health problems are, to a large extent, common.

The creation of this area also derives from the interest to optimize the research designs and resources, since one and the same study can generate information about the determinants of different diseases simultaneously.

The scientific knowledge generated in this area is useful to provide guidance both for clinical and public health strategies, to reduce the incidence of these diseases and to improve their prognosis, to control exposure to risk factors and to prevent initial exposure to said factor (primary prevention).

The large variety of factors determining these chronic health problems and the wide range of approaches necessary for studying them mean that collaborative research must be organized with other areas of the CIBER through transverse research actions, regardless of whether said actions are genetic research, population interventions or the development of new data analysis methods.

The main lines of research included in this programme are the following:

- Environmental and genetic determinants of cancer.
- Natural history of cardiovascular disease.
- Result reporting and transfer information systems.
- Eating behaviors and their effects on health.
- Epidemiology and prevention of traffic injuries.
- Other chronic disorders with a high social impact (environmental and genetic determinants of respiratory diseases and reproductive disorders).

Objectives

The strategic objectives of the programme are:

- To generate scientific knowledge of direct relevance for controlling chronic diseases which are the main causes of loss of health and the use of healthcare services in Spain.
- To transfer this knowledge to clinical practice and to public health.

Strategic subprogrammes

Different research subprogrammes are designed to implement these objectives laid out in the CIBERESP Multiannual Action Plan. Table 4 shows the twelve subprogrammes.

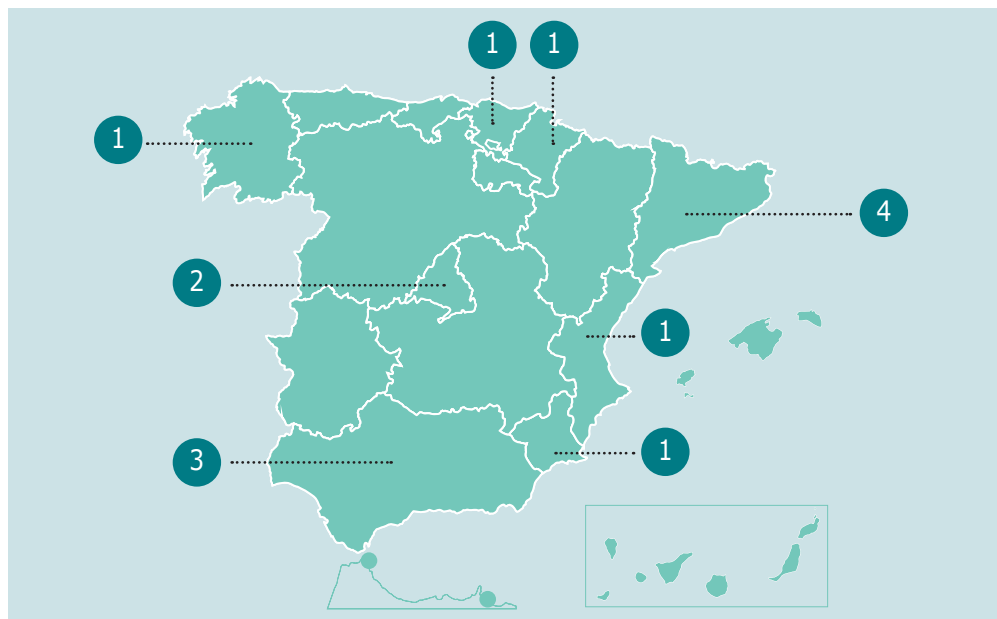
P1. EPIDEMIOLOGY AND PREVENTION OF CHRONIC DISEASES	Multicentre study of population-based cancer cases and controls (MMC-Spain)
	Mammographic density and breast cancer
	Nutrition and cardiovascular risk study in Spain (ENRICA)
	Contamination and cancer
	DARIOS Study
	FRESCO Study
	EPIC (European Prospective Research into Cancer and Nutrition)
	InterAct
	Neuro-Epic
	EPIC-CVD
	EPIC-Rheumatoid Arthritis
	Population cancer registry platform

The strategic subprogramme entitled “Multicentre study of population-based cancer cases and controls” (MMC-Spain) remains the most promising initiative among the research programmes in epidemiology and prediction of chronic diseases. The objective of the subprogramme is to explore the influence of environmental factors, and the interaction with genetic factors, in five types of cancer in Spain (breast cancer, colorectal cancer, gastro-esophageal cancer, prostate cancer and chronic lymphatic leukemia). The study is designed as a multi-case control study with a common control group, a large sample size (4,000 cases, 3,000 controls) and a single research protocol: questionnaire, biological sample collection and anthropometric measurements. The study was and is still externally funded: Transverse Action in Cancer, Specific Action in Mobility, FIS (ISCIII), European projects, autonomous community projects and an international project.

Participating groups

This programme involves the participation of 14 groups from eight Autonomous Communities coordinated by Dr. Rodríguez Artalejo. The list of groups forming part of this programme is shown in Table 4.

Group	Principal investigator
07	LÓPEZ-ABENTE ORTEGA, GONZALO
11	CASTILLA CATALÁN, JESÚS
14	GESTAL OTERO, JUAN JESÚS
16	DELGADO RODRÍGUEZ, MIGUEL
17	MORALES SUÁREZ-VARELA, M ^ª MANUELA
24	NAVARRO SÁNCHEZ, CARMEN
25	RODRÍGUEZ ARTALEJO, FERNANDO
28	DORRONSORO IRAETA, MIREN
30	SCHRÖDER, HELMUT
34	SÁNCHEZ PÉREZ, MARÍA JOSÉ
35	PORTA SERRA, MIQUEL
38	KOGEVINAS, EMMANOUIL
44	BUENO CAVANILLAS, AURORA
55	MORENO AGUADO, VÍCTOR





Communicable Disease Surveillance, Prevention and Control

Programme description

The purpose of the programme is to develop collaborative and interdisciplinary research in the field of communicable disease surveillance, prevention and control having a large impact on the community, communicable diseases being understood as diseases that are caused by specific infectious agents or their toxins and can be transmitted from a human being, an animal or a non-living source to a susceptible human host.

The main lines of research of this programme are the following:

- Flu.
- Vaccine-preventable diseases having viral etiology (measles, rubella and mumps) or bacterial etiology (whooping cough, pneumococcal disease, meningococcal disease)
- Epidemic outbreaks
- Viral hepatitis.
- Tuberculosis-HIV. Influence of smoking.
- Communicable diseases and other health problems in immigrant population.

Objectives

The strategic objectives of the present programme are the following:

- To give special attention to diseases that require mandatory reporting, including epidemic outbreaks, which sometimes cause serious public health crises.
- To generate scientific knowledge about these communicable diseases so that they can be used as a means for supporting the actions performed by the Health Administration. The effectiveness and efficiency of the interventions performed with a public health service perspective will also be evaluated.
- The research included in the programme will aim at controlling these diseases and will endeavor to ensure that they can be used as a means for supporting the actions performed by the Health Administration.

Strategic subprogrammes

The strategic subprogrammes defined in the framework of the research programme for communicable disease surveillance, prevention and control are listed below .

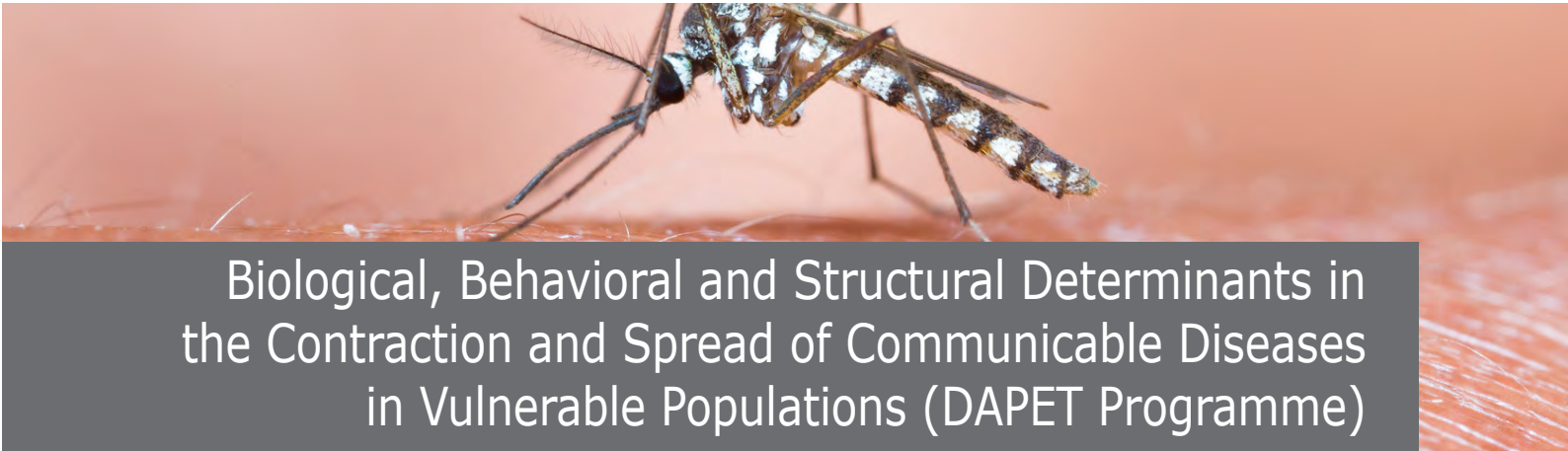
P2. COMMUNICABLE DISEASE SURVEILLANCE, PREVENTION AND CONTROL	Flu surveillance, prevention and control
	Vaccine-preventable diseases having viral etiology (measles, rubella and mumps) or bacterial etiology (whooping cough, pneumococcal disease, meningococcal disease)
	Epidemic outbreaks
	Tuberculosis (TB)-HIV-CANCER
	Viral hepatitis surveillance, prevention and control

Participating groups

This programme involves the participation of five research groups from Catalonia and the Community of Madrid led by Dr. Caylà and has, among others, the sole associated group.

Group	Principal Investigator
01	DOMÍNGUEZ GARCÍA, ÁNGELA
12	CAYLA BUQUERAS, JOAN ARTUR
13	ECHEVARRÍA MAYO, JUAN EMILIO
32	DE MATEO ONTAÑÓN, SALVADOR
54 A	AMO, JULIA DEL





Biological, Behavioral and Structural Determinants in the Contraction and Spread of Communicable Diseases in Vulnerable Populations (DAPET Programme)

Programme description

This programme is conceived for the purpose of studying and investigating the biological, behavioral and structural factors, as well as their interactions, determining the transmission and contraction of infectious agents and the spread thereof to the population.

The Programme will place special interest in those communicable diseases that contribute most to the burden of disease at both the local and global levels.

The following lines of research have been defined:

- Global health. Communicable diseases related with poverty. Immigration and communicable diseases. Neglected infections.
- Interaction of genetic and molecular factors in human populations and microbial/viral populations with the natural history and the spread of communicable diseases. Determinants, transmission and impact of antimicrobial and antiviral resistances.
- Behavioral and structural factors (social vulnerability, social norms) related with the spread of communicable diseases.
- Integrated modeling of communicable diseases.
- Infections associated with cancer and other chronic diseases. Study on determinants, prevention and training.
- Teaching and new training methodologies in the field of study of the Programme.

Objectives

The DAPET Programme framework aims to achieve the following strategic objectives during the 2011-2014 period:

- To study pathologies associated with poverty and vulnerable populations, including those from countries with few resources, both at the origin and the destination.
- To use genetics and molecular technologies for studying transmission, natural history and population dynamics and interaction (both microbial and human) determining the epidemiology of communicable diseases.
- To identify the factors related to the agent, host and medium contributing to increasing the effectiveness of public health interventions.

Strategic subprogrammes

Three strategic subprogrammes were defined, planned and organized throughout 2011 as a reflection of the specified objectives. Said strategic subprogrammes are listed in the following table.

P3. DAPET PROGRAMME	Immigration and health
	Global health
	Role of infectious agents in chronic diseases

The activity of the Immigration and Health subprogramme started in July 2012 with the setting-up of the Executive Committee with Dr. Elena Ronda and Dr. Jordi Casabona as the co-coordinators and the incorporation of Project Manager, Dr. Cristina Hernando. The objectives and activities of said Subprogramme for the period of July 2012 – April 2013 are found in this report.

Scientific Objectives

- To improve and monitor knowledge concerning the state of health of immigrant population in the field of communicable and non-communicable diseases.
 - To update evidence concerning the state of health of immigrant population in relation to infectious diseases, non-communicable diseases and their determinants in Spain
 - To identify determinants related to health problems that are linked to communicable diseases in immigrant population
- To foment collaboration among groups from different fields of the Health and Immigration subprogramme
 - To boost the identification of collaborative projects among groups of the Health and Immigration subprogramme
 - To facilitate joint publications among groups of the subprogramme
- To evaluate Health and Immigration subprogramme results
 - To diversify and increase the number of identified sources of funding and the number of delivered projects
 - To maintain the number of scientific publications delivered to indexed journals from the subprogramme

The spheres of action and lines of research of the subprogramme are the following:

- Contextual determinants
 - Health Inequality (Rosa Puigpinós)
 - Occupational health (Fernando Benavides)
 - Health policies, systems and services (María Luisa Vázquez)
- Non-communicable diseases
 - Mental health and drug dependency (Teresa Brugal and Francisco Collazos)
 - Sexual and reproductive health (Paco Bolúmar)

- Cancer prevention (Silvia de Sanjosé)
- Communicable diseases.
 - HIV and other sexually transmitted infections (Meritxell Sabidó)
 - Tuberculosis and vaccine-preventable diseases (Joan Caylà)
 - Imported diseases (Clara Menéndez and José Muñoz)
 - Antibiotic resistances (Fernando Baquero)
 - Molecular and genomic epidemiologies (Andrés Moya)
 - Role of infectious agents in non-communicable diseases (Enrique Calderón)
- Methodological aspects
 - Health questionnaires (Carmen Navarro)

Participating groups

This programme consists of six research groups from four Autonomous Communities. Dr. Casabona is responsible for coordinating the programme.

Group	Principal Investigator
02	MOYA SIMARRO, ANDRÉS
04	CALDERÓN SANDUBETE, ENRIQUE JOSÉ
27	CASABONA BARBARÀ, JORDI
29	MENÉNDEZ SANTOS, CLARA
33	BAQUERO MOCHALES, FERNANDO
36	SANJOSÉ LLONGUERAS, SILVIA DE





Social Determinants of Health

Programme description

Research groups participating in this programme focus their interest on generating cooperative research of excellence for all those socially determined relevant aspects for population health.

To that end, a broad perspective of the role of social determinants in health is adopted from a multidisciplinary approach. This ranges from individual characteristics, such as social class or gender, to aspects of the environment, such as neighborhoods or cities; working conditions; and the social environment. Qualitative, quantitative or mixed methods are also used in the programme to fulfill the research objectives. Furthermore, from a strictly epidemiological viewpoint, the programme develops studies ranging from individual-based designs to ecological studies.

Finally, the interest of the programme includes the "social" production of risk factors, such as lifestyles, the environment, working conditions, immigration and social exclusion, etc., results in health, such as morbidity, mortality, disability or dependency, as well as social participation and evaluation of the efficacy, effectiveness and efficiency of health interventions, services and policies.

The scientific activity of the programme is defined in several lines of research among which the following stand out:

- Effect of social determinants on health.
- Health Inequality according to social class, gender, geographical variables, and the environment.
- Specific health problems relevant to public health and with social determinants and mechanisms playing a key role, such as HIV, gender-based violence, sexual health, mental health, addictions, cancer or cardiovascular diseases.
- The health of specific groups of populations, such as immigrant communities, socially excluded groups, women's health problems, and problems related to aging, adolescence and puberty, or childhood.
- The development and evaluation of public health programmes and policies.
- Access to and quality of health services and the participation of patients and citizens.
- The development of useful theoretical frameworks for social determinants, of suitable research methodologies, and modeling of the complex interaction between different social and environmental factors.

Objectives

The strategic objectives of the programme are the following:

- To identify and analyze all those socially determined and relevant aspects for population health.
- To favor the transfer of knowledge to NHS for designing and implementing health policies.
- To promote cooperative research of excellence among groups of the programme, collaboration between them and investigators, and to enhance the internationalization of activities.

Strategic subprogrammes

This programme includes the development of three strategic subprogrammes defined on the basis of three groups of needs:

P4. SOCIAL DETERMINANTS OF HEALTH	Inequality according to social class, gender, the environment and geographical area.
	Development and evaluation of public health programmes and policies.
	Access to and quality of health services and the participation of patients and citizens.

Among the foregoing, the MEDEA/INEQ-CITIES subprogramme stands out. The objective of this subprogramme is to investigate mortality patterns, distribution and causes in small areas of Spanish and European cities, as well as the link thereof with socio-economic and environmental factors.

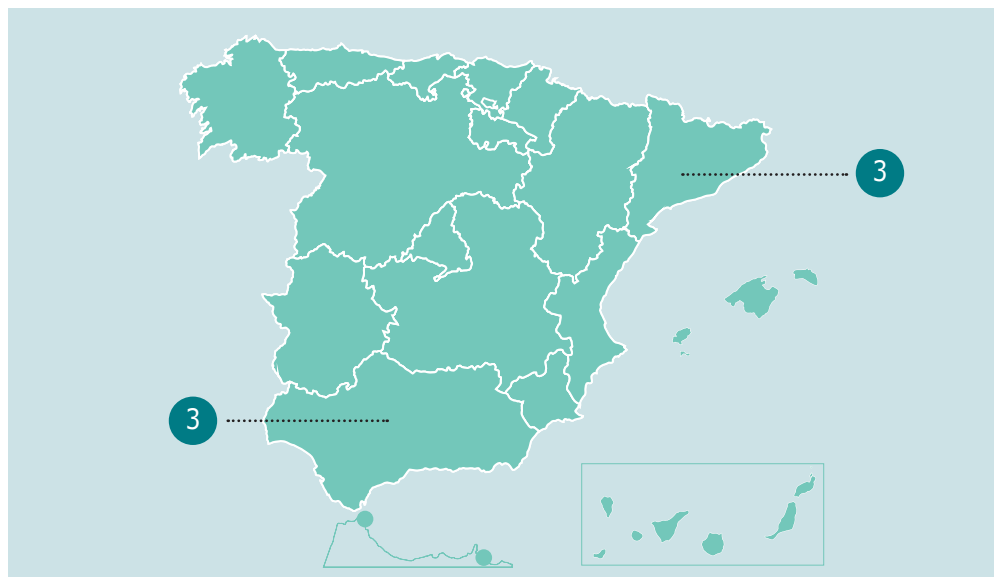
It consists of three projects with competitive external funding: MEDEA I, MEDEA-II (Health Research Fund) which focus on studying the Spanish reality, and INEQ-CITIES (project funded by DG-Sanco) studying a selection of European cities. The project uses Bayesian methodologies in the study and mortality pattern analysis in small geographical areas. Five CIBERESP groups participate in this activity under the leadership of Dr. Carme Borrell (ASPB).

The Observatory of Inequality (ODD) transverse programme is linked to this programme.

Participating groups

This programme consists of the groups listed in Table 10 which are distributed in two Autonomous Communities and under the coordination of Dr. Daponte.

Group	Head of the Group
03	BORRELL THIÓ, CARME
18	LÓPEZ MEDINA, MARÍA JOSÉ
21	DE LA FUENTE DE HOZ, LUIS
46	DAPONTE CODINA, ANTONIO
50	RUIZ PÉREZ, ISABEL
51	SAEZ ZAFRA, MARC





Epidemiology and Prevention of Environmental and Occupational Diseases

Programme description

The physical, social and intellectual development of a child, from conception until the end of adolescence, requires an environment that is both protected from and protective of the child's health. The increase in diseases is related to unhealthy environments. Prenatal and early exposure, including diet, are associated with children's health and human development, and predispose them to subsequent effects in adulthood. Occupational health is built in a suitable working environment with healthy working conditions where the employees can carry out their activity without any risk to their health and where their participation to improve health and safety conditions is possible. Occupational risks must be monitored and controlled to prevent damaging health as a result of work.

This programme developed two lines of research in 2013:

- Effects of prenatal and postnatal exposure to environmental contaminants on child growth and development (intrauterine growth, postnatal growth, neurodevelopment, allergy and respiratory health, hormonal changes, congenital disorders, reproductive health, obesity) in mother-child cohorts of the INMA Project.
- Predicting the interaction of environmental and occupational determinants in lung cancer development (occupational exposure and health).

Objectives

The strategic objectives of the programme were the following:

- To evaluate the impact of environmental and occupational determinants on the health of children and adults in Spain.
- To disseminate knowledge concerning primary prevention of environment and disease associations to the general population and social and governmental organizations.
- To participate in preparing Guidelines providing advice about scientific primary prevention policies in Spain and Europe.

Strategic subprogrammes

The “Epidemiology and environmental and occupational health prevention” programme includes four strategic subprogrammes (see table 12), two of which were carried out in 2012.

List of research subprogrammes:

P5. EPIDEMIOLOGY AND ENVIRONMENTAL AND OCCUPATIONAL HEALTH PREVENTION	INMA.- Childhood and the Environment
	Occupation and health
	Endocrine disruption, development and health
	Obesity, development and health. DEDIPAC Programme.

The objective of the subprogramme entitled “Childhood and the Environment” (INMA) is to investigate the interaction between environmental factors and children’s health and development. The study is based on monitoring seven cohorts in Ribera d’Ebre, Asturias, Valencia, Gipuzkoa, Menorca, Granada and Sabadell. INMA is a research network made up of Spanish groups created in 2004 for the purpose of studying the role of the most important environmental contaminants found in air, water and diet throughout pregnancy and in the early stages of life, and their effects on childhood growth and development.

The CIBERESP INMA subprogramme has three main OBJECTIVES:

- To describe the degree of individual prenatal exposures to environmental contaminants and the internal doses of these contaminants during pregnancy, child birth and during childhood in Spain.
- To evaluate the impact of pre- and postnatal exposure to different environmental contaminants on child growth, health and development from early fetal stages up to adolescence.
- To evaluate how genetic and nutritional factors can modify the effects of environmental contaminants on child growth

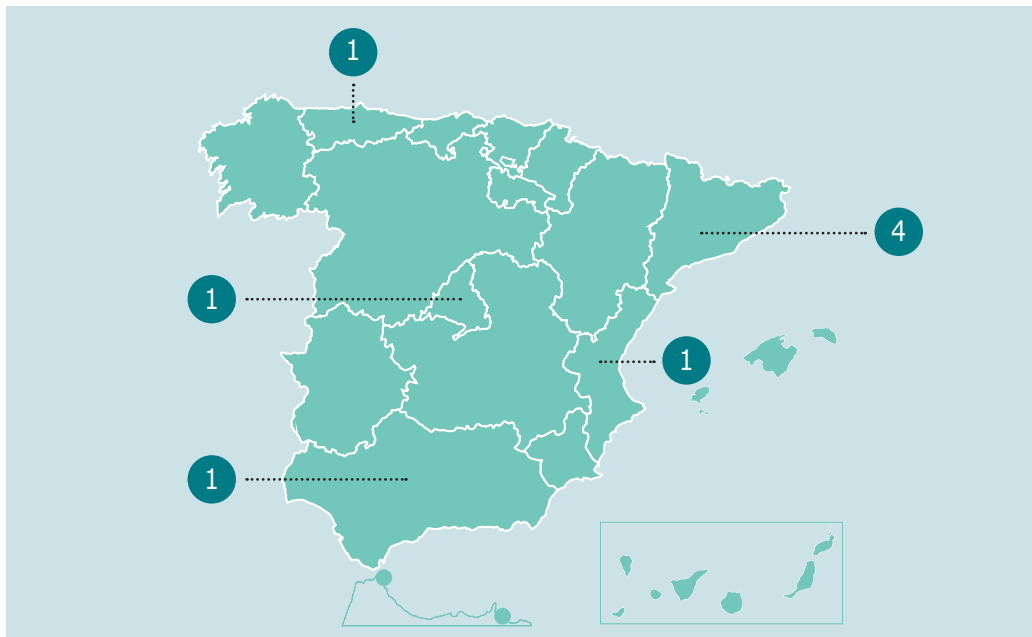
Since its creation, the subprogramme has been externally funded through competitive call for proposals for national research projects (CIBERESP, FIS, other regional agencies) and European research projects (ESCAPE, ENRIECO, CONTAMED, among others). It also has its own website: www.projectinma.org.

INMA includes seven CIBERESP groups and other six groups with active participation.

Participating groups

The programme is a collaboration of 8 research groups distributed in five Autonomous Communities. Dr. Tardón is responsible for coordinating the programme.

Group	Head of the Group
05	RODRÍGUEZ FARRÉ, EDUARD
06	BOLUMAR MONTRULL, FRANCISCO
19	OLEA SERRANO, NICOLÁS
20	MARCOS DAUDER, RICARDO
22	ESTIVILL PALLEJÀ, XAVIER
40	SUNYER DEU, JORDI
41	BALLESTER DÍEZ, FERRÁN
53	TARDÓN GARCÍA, ADONINA





Health Service Evaluation

Programme description

The research groups attached to the Health Service Evaluation Programme have the same interest in conducting collaborative research of excellence in health service evaluation focusing on the priorities of the National Health System for the purpose of directly transferring their results to decision-making in health policy, in management, in clinical practice and in patient's decisions.

Objectives

- To enhance new knowledge on the health and social burden of diseases, and the quality of healthcare services.
- To foment the collaboration among groups of the programme and other groups of the CIBER, RETICS and others.
- To transfer the scientific results of the programme and to develop strategies for improving the scientific skills of its investigators.

Strategic subprogrammes

The development of this new subprogramme which results from previous strategic subprogrammes and includes the main common activity of the current groups of Programme 6 started in 2013 with the name Health and Social Burden Of Chronic Diseases (BURDEN OF DISEASE).

Scientific Objectives:

- To estimate the health and social burden of chronic diseases based on the Continuous Working Life Sample (MCVL) with mortality and temporary and permanent disability data for 2009.
- To develop and validate measuring instruments and indicators of disease burden (well-being, health, disability, loss of productivity and use/consumption of resources), transferring these instruments to professionals and investigators by means of a free access repository (BiblioPRO).
- To establish a strategy to link MCVL registries (Social Security members) with other sources containing health data (e.g., electronic clinical history) available for creating a permanent cohort of Social Security members and their contacts with the National Health System.

Despite this new direction, the preceding strategic subprogrammes of Programme 6 continued to be performed up to mid-2012. Subsequently, collaborative research with groups leaving the CIBERESP is maintained externally (these groups become part of a RETIC – Thematic Network for Collaborative Research – on Research on Healthcare Services in Chronic Diseases –REDISSEC-).

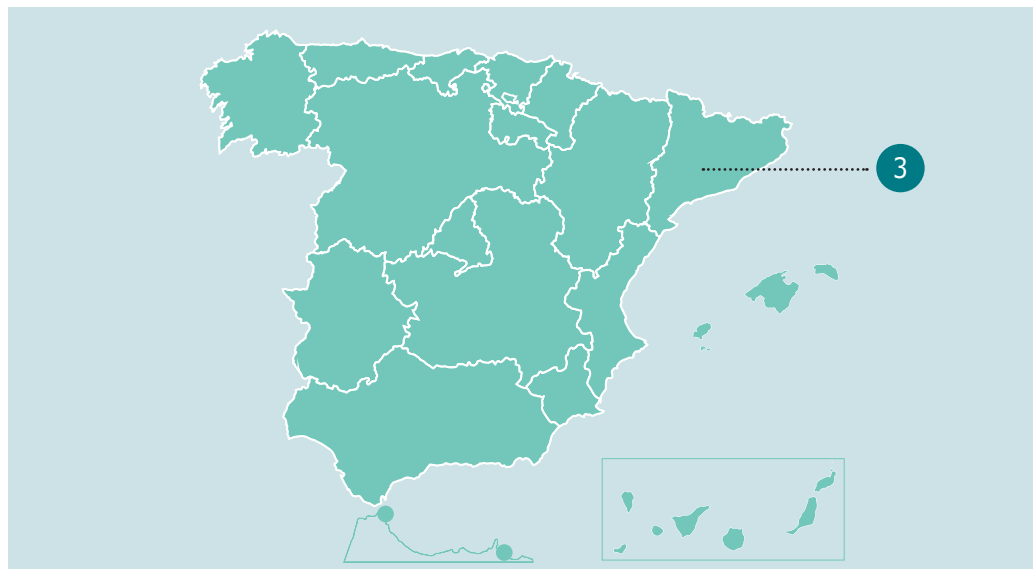
P6. HEALTHCARE SERVICE EVALUATION	Evaluation of the effectiveness, costs and quality of healthcare services in Spain
	Measuring health and individual and social burden of diseases
	Measuring and instruments for evaluating healthcare quality (benchmarking)
	Health and social burden of chronic diseases (BURDEN OF DISEASE)

The BiblioPro technology platform is also encompassed within this new research subprogramme.

Participating groups

From mid-2012, four groups in Programme 6 left the CIBERESP, and the latter was therefore formed by group 0 (Jordi Alonso, CONSORCI MAR PARC DE SALUT DE BARCELONA- PSMAR), Group 47 (Fernando García Benavides, UNIVERSITAT POMPEU FABRA – CISAL-UPF-) and Group 15 (Mireia Espallargues Carreras, AGENCIA DE INFORMACIÓN, EVALUACIÓN Y CALIDAD EN SALUD –AIAQS-) Programme coordinator.

Groups	Head of the Group
09	ALONSO CABALLERO, JORDI
15	ESPALLARGUES CARRERAS, MIREIA
47	GARCÍA BENAVIDES, FERNANDO





Clinical Epidemiology

Programme description

In the field of Epidemiology and Public Health, the Clinical Epidemiology programme specifically studies methods, processes and results related to population clinical care. It focuses on research and analysis of processes and determinants having diagnostic values both in healthy and diseased populations, those having prognosis capacity, as well as those affecting the effectiveness, efficiency and safety of health interventions.

The research conducted in the programme uses the advanced epidemiological method in primary and synthesis studies, leading to, reviewing or improving the development of new methodologies of knowledge, statistical techniques and result transfer for which it collaborates with other groups of the CIBERESP, RETICs, GuíaSalud and international entities, Cochrane, EU Framework Programme, GIN, among many others.

This programme also aims to conduct research on and to develop activities and methods for knowledge dissemination so that it can be more efficiently used by those participating in or receiving healthcare.

It is to be integrated into the objectives of comparing the effectiveness, efficacy, benefits and unwanted consequences for making scientifically informed and profitable decisions.

Therefore, it is consistent and collaborates with priority lines of the Ministry of Social Health Services and Equality and the Ministry of Economy and Competitiveness. The programme occupies a strategic position in the processes of translating medicine, basic or epidemiological research to the ideal patient or population. Interaction with clinical investigators and public health agents is essential to this programme, offering products that accelerate their incorporation into the fields of health action and activity, thus contributing to innovation.

Finally, the in-depth technical knowledge of the impact and adaptation of said processes with respect to population health and resource sustainability is transcendent and indispensable in the 21st century with free-of-charge health systems that provide universal coverage.

The main lines of research of this programme are summarized below:

- Evaluation of the efficacy of healthcare interventions and strategies.
- Evaluation of the effectiveness, efficiency and safety of healthcare interventions and strategies.
- Evaluation of the usefulness of diagnostic tests and prognostic model development.
- Developments and innovations in clinical- epidemiological research methodology.

Objectives

The main objective of the programme is to see to the National Health System's needs for knowledge by conducting the most suitable and effective research in the field of healthcare contributing to maximum effectiveness, safety and sustainability.

- To analyze and identify the relevant determinants and processes in population clinical care.
- To identify new or emerging efficient health interventions with greater impact on population health by means of research and by using advanced epidemiological methods in and synthesis primary studies
- To review and to summarize the most suitable contemporary health research for the NHS's needs.
- To identify knowledge gaps, deficiencies and obstacles in current medical research and the needs of healthcare by developing new knowledge methodologies, statistical techniques and result transfer.
- To prepare training and coaching initiatives for imparting skills to new investigators and professionals with respect to the objectives described in this programme.
- To prepare initiatives for transferring and disseminating research findings among different healthcare agents and recipients.
- To prepare initiatives for the incorporation of opinions/participation of citizens in choosing the health knowledge of interest and in prioritizing and adapting the different actions.

Strategic subprogrammes

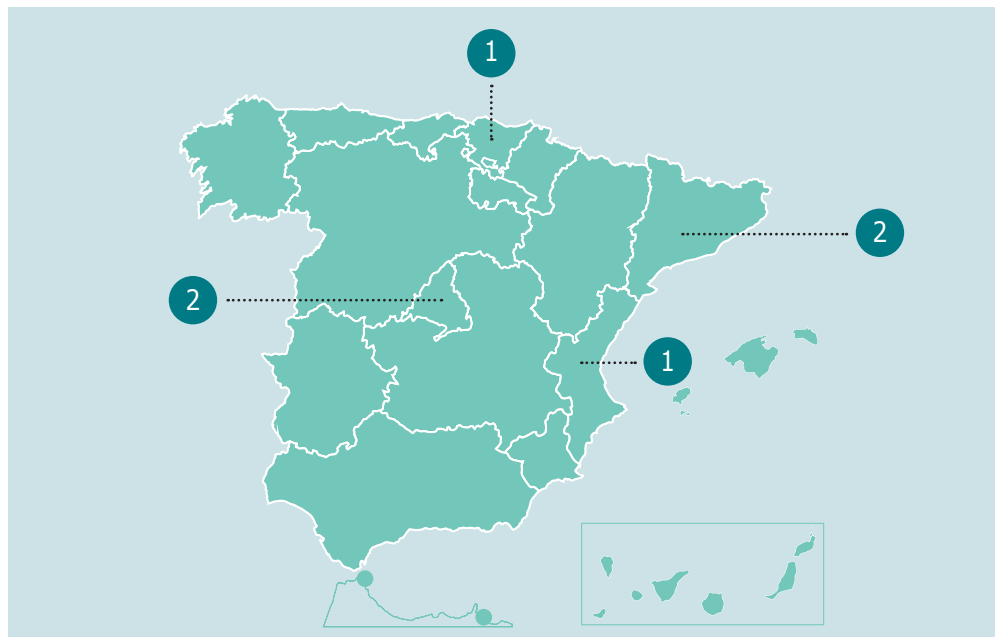
The development of strategic subprogrammes envisaged for the 2011-2014 period continued this year. In the EMPARO-MAPAC strategic subprogramme in particular, the data collection phase culminated in several multicentre study projects on healthcare process and on observed results with methodology standardization phase in hospitals participating in Improving the Adaptation of the Healthcare and Clinical Process of the Clinical Epidemiology programme.

P7. CLINICAL EPIDEMIOLOGY	Study of the clinical care process and observed results (MAPAC)
	Study of the efficacy and safety determinants of health interventions
	Study of diagnostic test validity and usefulness
	Methodology, clinical registries and scientific dissemination

Participating groups

This programme is carried out with the active participation of seven research groups distributed in four Autonomous Communities. The programme coordinator is Dr. Javier de la Cruz who is part of the group led by Dr. Gómez de la Cámara.

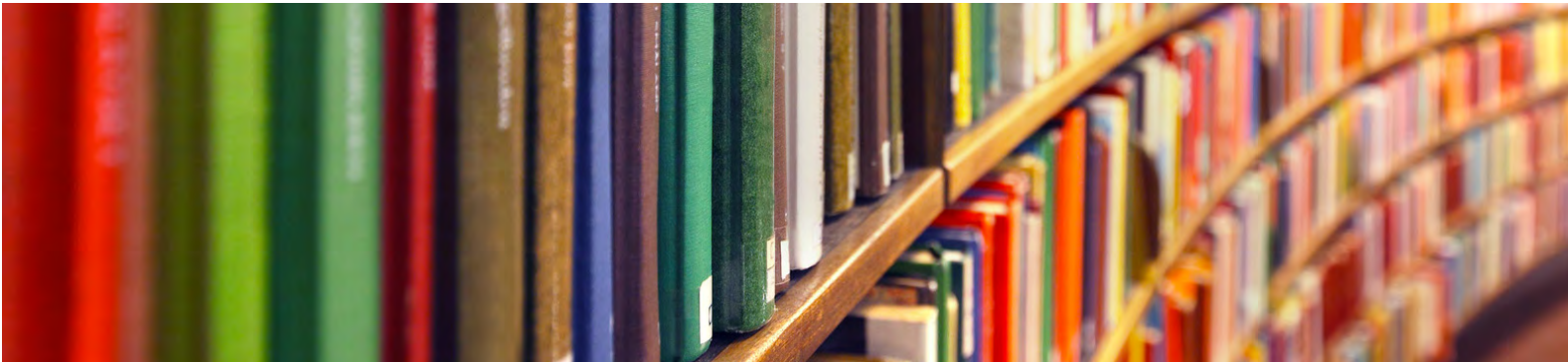
Group	Head of the Group
08	FERREIRA GONZÁLEZ, IGNACIO
23	GÓMEZ DE LA CAMARA, AGUSTÍN
26	HERNÁNDEZ AGUADO, ILDEFONSO
39	EMPARANZA KNÖRR, JOSÉ IGNACIO
42	ABRAIRA SANTOS, VÍCTOR J
43	BONFILL COSP, XAVIER





3

Research
Support
Platforms



BiblioPRO

Programme description



BiblioPRO is a virtual library with health-related quality of life instruments in Spanish which aims to become the Virtual Library of international scientific reference as regards patient reported outcome (PRO) questionnaires in Spanish.

It combines research with translational activities, making it a unique resource for research and clinical practice. The group is led by Dr. Alonso (Group 9) with the participation of groups 15 and 47.

It allows the authors of the PRO questionnaires to disclose and assess the results of their research, and the users of those questionnaires to make an informed selection of same through its virtual platform (<http://www.bibliopro.org/index.html>).



Content of the Bibliopro virtual platform

The objectives of BiblioPRO are the following:

- To identify patient reported outcome (PRO) questionnaires and health-related quality of life (HRQoL) questionnaires in Spanish.
- To compile the highest possible number of instruments in a free-access virtual library to allow selecting the most suitable questionnaire.
- To facilitate legal access to these questionnaires, assessing conducted research results in Spanish.

Objectives

Participating CIBERESP groups

Research groups participating in BIBLIOPRO

Groups	Head of the Group
09	ALONSO CABALLERO, JORDI
15	ESPALLARGUES CARRERAS, MIREIA
47	GARCÍA BENAVIDES, FERNANDO

Resources

Goods and services

BiblioPro has a virtual online platform allowing access to the questionnaires from anywhere with an Internet connection.

The screenshot shows the BIBLIOPRO website interface. At the top, there is a navigation bar with the 'BiblioPRO' logo, a search icon, and buttons for 'Login' and 'Registro'. The main navigation menu includes 'Inicio', 'Qué es BiblioPRO', 'Cuestionarios PRO y CVRS', and 'Servicios'. A large banner image displays a modern building with the text 'Biblioteca de Patient Reported Outcomes (PRO) en español'. Below the banner, there is a 'Cómo funciona >>' button. The main content area is divided into three columns: 'Qué es BiblioPRO' (with an information icon), 'Cuestionarios PRO y CVRS' (with a document icon), and 'Servicios' (with a gear icon). Each column lists several sub-topics.

BIBLIOPRO web home page

Indicators and results

BiblioPRO has successfully accomplished the following achievements this year:

- The subprogramme **web page was revamped**. It now allows identifying the questionnaires available in Spanish, choosing the questionnaires that are most suitable for specific use as a result of its original taxonomy-based search engine that allows combining variables. Furthermore, it provides the possibility of distributing the questionnaires online (published in December 2011).
- **2008-2010 systematic literature review** was performed in which about 400 new PRO instruments in Spanish were identified. So the web now contains information concerning 744 instruments and about 180 specific instruments as regards mental health are under review.
- **Technical specifications of 200 new instruments** identified in the systematic review were prepared. More than 100 instruments (including information describing the instrument, manual, punctuation or bibliography systems)

were provided in downloadable formats. Agreements were signed for distributing some instruments, such as the SF.

- **The 1st Bibliopro Scientific Workshop** (February 21, 2013) was held successfully. 190 participants, 140 attendees plus 85 more who participated online took part in the event. 36 scientific communications and 25 scientific posters were presented. International experts such as Professor David Cella from Feinberg School of Medicine in Chicago or Dr. José María Valderas of University of Oxford collaborated in the event.
- **The first Newsletter** was sent to more than 5000 users and collaborators both in the clinical and scientific field. This dissemination measure along with the organization of the Scientific Workshop brought about the registration of 1700 users with about 10 new users registered daily.
- A scientific document about Bibliopro was published in the **PRO Newsletter Online-Mapi Research Trust** specializing in PRO instrument.
- **Two articles** about EMPRO instrument results were sent for publication: one of said articles related to the progression of various prostate cancer instruments by Schmidt, S., Garin, O., Vilagut, G., Pardo, Y., Becerra, V., Pont, A., Valderas, JM, Alonso, J., Rebollo, P., Rajmil, L., Garcia-Forero, C., and Ferrer, M., in the name of the Scientific Committee of BIBLIOPRO. Assessing health-related quality of life in patients with prostate cancer: a systematic, standardized comparison of available measures. JCO (revision), was sent to an international journal and was under review.; and another one relating to instruments for evaluating quality of life in heart failure was accepted for publication in an international journal (O Garin, M Herdman, G Vilagut, M Ferrer, A Ribera, L Rajmil, JM Valderas, F Guillemin, D Revicki, J Alonso, on behalf of the EMPRO-HF Group* Assessing health-related quality of life in patients with heart failure: a systematic, standardized comparison of available measures. Heart F Rev, 2013 (in press).

Observatory of Inequality (ODDS)

Programme description

The Observatory of Health Inequality (ODDS) is a free-of-charge and free-access scientific portal specializing in Health Inequality integrated within the "Social Determinants of Health" programme (P4).

It is structured around a website (<http://www.ods-ciberesp.org>) having a wide range of information concerning published studies, reports, events, and other resources on the determinants of Health Inequality, with special emphasis on social class, gender, age, origin, and place of residence.

It is an initiative which is open for collaboration with all CIBERESP groups and particularly with the members of the inequality programme. It is under the scientific leadership of Dr. L. Artazcoz (ASPB), and L. Cascant (CIBERESP-ASPB) took up the position of project manager up until June 2012. Esther Sánchez Ledesma joined the group in 2013.

2010 bore witness to the consolidation of a virtual information service, an electronic research support platform on Health Inequality with the following strategic focal points: Gender and Health, Social Class and Health, Age and Health, Immigration/Ethnicity and Health, Territory and Health. The web site of the Observatory is periodically updated with new resources, events, published studies, and new scientific evidence on Health Inequality.

The group is making a special effort to seek additional sources of funding for maintaining the observatory. In this sense, it has moved forward in the realization of collaboration initiatives with the Ministry of Health and Social Policies, the Instituto Nacional de Seguridad e Higiene en el trabajo, the Dirección General de Salud Pública, Instituto de la Mujer and Institut Cerdá.

Objectives

The main objectives of the Observatory of Health Inequality (ODS) are:

- To create a virtual information service in which information and documentation concerning health inequality referring fundamentally to Spain as a whole and to its Autonomous Communities is collected, systematized and transmitted.
- To establish an electronic support platform for the scientific and professional community, particularly for those from CIBERESP.
- To develop contents and services aimed at the general population used for disseminating the results of the studies and research that have been conducted.

Participating groups

Resources

This subproject is led by Dr. Lucía Artazcoz from Dr. Carme Borrell's group (Group 3)

Goods and services

The ODS web page forms the basis of its operation, allowing access to and dissemination of contents. In May 2013, a new domain was purchased for the observatory (<http://www.ods-ciberesp.org>), the activity and dissemination thereof starting up again (institutional webs, ODS subscribers, social networks...)



Observatory of Inequality Home Page

The ODS web page had 236 registrations including scientific-academic staff, students and institutions. From June to September 2013, the web page chalked up 11,693 visits with an average of 1,299 visits monthly according to StatCounter data.

Various institutions of renowned prestige including, among others, the Ministry of Health, Social Services and Equality, some universities and research centres, such as the European Trade Union Institute or the Pan American Health Organization, have established links with the observatory.

Social Web

ODS is highly present in social networks. It has 538 followers on Twitter. The ODS Facebook page has 377 followers.



4

Horizontal Programmes



Training Plan

CALL FOR PROPOSALS FOR FINANCIAL AID FOR BRIEF INTERNSHIPS ABROAD IN ORDER TO COMPLETE DOCTORAL STUDIES WITH INTERNATIONAL MENTION IN THE DEGREE. Investigator training (pre-doctoral).

CIBERESP announces a call for proposals for financial aid every year for internships lasting at least 3 months in international research centres of renowned prestige. This is to help doctoral students belonging or attached to consortium research groups to obtain international mention in their Doctoral Degree.

After considering the applications received and assessing the requirements of said call for proposals as well as the merits of the candidates, the Evaluation Committee decided to grant four aids in the 2013 call for proposals.

Training programme DE13

Doctoral students	University of origin	Country of destination
José María Ramada Rodilla	Universitat Pompeu Fabra	Holland
María López Ruiz	Universitat Pompeu Fabra	Costa Rica
Montserrat Puig Vives	Universitat de Girona	Norway
Xavier Duran Jordà	Universitat Pompeu Fabra	Belgium

The maximum amount of each aid package is 3,000 €, which is intended for covering travel expenses, moving expenses, healthcare and accident insurance, living expenses and other suitably justified expenses of a similar nature relating directly to the internship in the international research centre.

MEETING AID FOR EXCELLENCE

The CIBERESP Training Programme aims to promote the exchange of ideas in an informal environment between accredited scientists and young scientists undergoing training to discuss their Doctoral Dissertation projects. Besides improving projects, this exchange also intends to facilitate innovation in public health research and to include them in the health challenges of the 21st century.

**Public Health
Summer School
2013**

Beneficiaries 2013	CIBERESP Group
Mónica Marcela Ávila Pacheco	09
Magda Bosch de Basea Gómez	38
Irene Calvente Adamuz	19
Anna Funtikova	30
Nicolás García-Arenzana Les	07
Esther García García-Esquinas	07
Clara Carmen Gual Llorens	47
Laia Maynou Pujolràs	51
Jordi Torrubiano Domínguez	03
Mònica Ubalde López	47

The objective of this Meeting, which is held within the framework of the School of Public Health of Menorca, between doctoral students and senior investigators is to aid in understanding the on-going Doctoral Dissertation projects, as well as to generate new public health research ideas.

Expenses for housing, living expenses and travel to Menorca for selected candidates were covered. These candidates were certified by means of a diploma accrediting their participation in the Meeting. The participation consists of a 30-minute oral presentation by each student before the Evaluation Committee and other selected candidates in Spanish or English. After the presentation, the participants engage in a discussion for another 30 minutes.





Transfer Results

The following table shows the knowledge transfer activities carried out by the research groups which are part of CIBERESP throughout 2013.

**Transfer products.
 Distribution by type and field of application.**

TRANSFER PRODUCTS	Field of application						
	Loc.	Aut	Nat	EU	Int	Glob	Total
Reports, opinions and expert reports		2	5	1	5	2	15
Reports or synthesis of evidence		3	4	8	1	1	17
Clinical practice and public health guidelines		1	4	5		3	13
White papers		3					3
Observatories		1					1
Others		1	5	2	4	2	14
Total		11	18	16	10	8	63

*1Loc: Local
 Aut: Autonomy
 Nat: National
 EU: European Countries
 Int: Non-European Countries
 Glob: Global application*

Dissemination Actions

Web page and Newsletter

The CIBERESP web (www.ciberesp.es) targets different types of user profiles, both specialized users and the general public, and its contents are updated periodically. Therefore, the CIBERESP web page is the usual mechanism for publishing job offers, public calls for tender and their respective resolutions. Additionally, information about job offers is sent to the consortium centres for dissemination and calls for tender are published in the State Contracting Platform and in the BOE (Official State Journal) when legally required. Furthermore, events, notices of interest relating to CIBER's subject areas and calls for proposals for financial aid, job offers, grants, etc., which are of interest for the CIBER scientific community are disseminated through the web.

The web page also offers easy access to the scientific and organizational structure of the CIBERESP, to its activities, to the most prominent notices and events and to the reference documents of the Consortium (Scientific Plan, Strategic Plan, Activity Reports).

The screenshot shows the CIBERESP website interface. At the top, there is a navigation menu with links for 'CIBERESP', 'ESTRATEGIA DE INVESTIGACION', 'DOCUMENTACION', 'EMPLEO', and 'PLAN DE FORMACION'. A search bar is located on the right. The main content area is divided into several sections:

- Bienvenid@s al CIBERESP:** A welcome message from the Consortium of Biomedical Research in Epidemiology and Public Health, highlighting its focus on health and public health activities.
- Eventos:** A list of upcoming events, including the 20th Scientific Meeting of the SEE and IX Congress of the APE, and the Annual Meeting of the ISQOOL.
- Noticias:** A news section with a featured article titled 'Empeoran la salud mental y los factores de riesgo cardiovascular de los inmigrantes en España' (Mental health and cardiovascular risk factors worsen in immigrants in Spain).
- Convocatorias:** A section for calls for proposals, including 'AYUDAS PARA ASISTIR AL "Encuentro para la Excelencia de la Investigación en Salud Pública"' and 'Ayudas para estancias breves en el extranjero para el doctorado con mención internacional'.
- Destacamos:** A section for featured content, including the 'Dia Mundial de la Diabetes' and a 'Review of social determinants and the health divide in the WHO European Region. Final report'.

On the left side, there are several utility links and logos, including 'New letter', 'PDF', 'info', '91 822 25 70', 'ciberesp@ciberesp.es', and logos for 'Iniciativas CIBERESP', 'medea', 'mcc', 'Disseminación de Documentos de Investigación en Salud', 'Patent Report / Trademarks / BiblioPRO', and 'BiblioCon'.

The home page has direct links to some web pages of the subprogrammes (INMA, Bibliopro, Observatory of Health Inequality, MCC Spain), other actions and activities, as well as to the digital version of the Newsletter.

The first issue of the CIBERESP Newsletter came out in February 2009, and it is an accessible instrument for communicating CIBERESP's scientific activity. In 2013, two widely distributed issues of the Newsletter were published in PDF format.



Science Week 2013



CIBERESP participated along with other CIBERs in Science Week 2013 held in Madrid and Catalonia. It conducted two different events to inform the general public of the current state of biomedical research of excellence in Spain and particularly its outcomes. This joint CIBER initiative was held in Madrid at Instituto de Salud Carlos III on November 4 through a workshop entitled "Workshop: CIBER Scientific MICROPOLYX". The CIBERESP participated in said event by holding an interactive mini-workshop about communicable disease outbreaks conducted by CIBERESP Group 32. This mini-workshop targets students in the final years of the 4-year Mandatory Secondary Education (ESO) and high school to introduce CIBER's areas of work in an entertaining and engaging manner to youngsters and to stimulate their interest in health research. An online tool (developed by international public health agencies) was used in this workshop to explain basic concepts on the epidemiology of communicable diseases, such as infectivity, pathogenicity, modes of transmission, vectors, epidemic, prevention and control activities, etc. Students had the opportunity to participate in the resolution of a case where public health interventions to control an epidemic outbreak are presented.



Science Week (Madrid)



The activity conducted during Science Week in Catalonia consisted of developing a round table dialogue on November 18 to discuss **“Translational Research at the service of the patient”**, held in the Esther Koplowitz Centre in Barcelona. CIBERESP’s intervention was entrusted to Group 3 with the subject “Single Mothers in Spain”, as part of the SOPHIE, Structural Policies for Health Inequalities Evaluation, project in order to generate new evidence on the impact of structural policies on health inequality and developing new technologies to evaluate said policies in Europe. The state of health and the lifestyles of the mothers were analyzed, taking into account if they have a life partner and if they are the heads of household, with data obtained from the National Health Survey from 2003 and 2011.



Science Week (Barcelona)



5

Research
Groups



PROGRAMME:
Clinical Epidemiology

Bioestadística Clínica - Hospital Ramón y Cajal

Group Members

STAFF MEMBERS

Royuela Vicente, Ana

ASSOCIATED MEMBERS

Muriel García, Alfonso
Plana Farrás, María Nieves
Zamora Romero, Javier

Lead Researcher

Abraira Santos, Víctor J.



Contact:

Unidad de Bioestadística Clínica.
Hospital Ramón y Cajal
Carretera de Colmenar, km 9.1. 28034 Madrid
Phone: (+34) 91 336 81 03
Website: http://www.hrc.es/investigacion/inves_unidadbio.htm

Main lines of research

- Evaluation of clinical practice and health technologies, covering a wide range of research objectives, all oriented to the analysis of clinical practice, health outcomes and health technology assessment, with special emphasis on the diagnosis.
- Multivariate models and research on prognosis, which is dedicated to the study of multivariate regression models and its extension to particular situations as longitudinal studies or cluster studies in which the units of analysis have several degrees of aggregation.

Most relevant scientific articles

- ABRAIRA V, MURIEL A, EMPARANZA JI, PIJOAN JI, ROYUELA A, PLANA MN. Reporting quality of survival analyses in medical journals still needs improvement. A minimal requirements proposal. *J Clin Epidemiol*. 2013 Dec;66(12):1340-6.e5.
- ROYUELA A, KOVACS FM, CAMPILLO C, CASAMITJANA M, MURIEL A, ABRAIRA V. Predicting outcomes of neuroreflexotherapy in patients with subacute or chronic neck or low back pain. *Spine J*. 2013 Oct 18;.
- ESTEBAN A, FRUTOS-VIVAR F, MURIEL A, FERGUSON ND, PEÑUELAS O, ABRAIRA V. Evolution of mortality over time in patients receiving mechanical ventilation. *Am J Respir Crit Care Med*. 2013 Jul 15;188(2):220-30.
- HUY NT, VAN GIANG T, THUY DH, KIKUCHI M, HIEN TT, ZAMORA J. Factors associated with dengue shock syndrome: a systematic review and meta-analysis. *PLoS Negl Trop Dis*. 2013;7(9):e2412.
- GARCÍA-BLÁZQUEZ V, VICENTE-BÁRTULOS A, OLAVARRIA-DELGADO A, PLANA MN, VAN DER WINDEN D, ZAMORA J. Accuracy of CT angiography in the diagnosis of acute gastrointestinal bleeding: systematic review and meta-analysis. *Eur Radiol*. 2013 May;23(5):1181-90.

Highlights

Projects awarded in 2013:

- Multicenter study about asistencial process and outcomes observed in urological cancer (EMPARO -CU) study. Subproyect: predictive models (FIS PS09/01619. J. Zamora IP).

Projects awarded in 2013:

- Improvement of the appropriateness of ionizing radiation imaging (X-ray and CT) in emergency departments . MAPAC-Image Project (FIS- PI13/00896 IP . J. Zamora).

Other group products, in addition to publications: website (http://www.hrc.es/investigacion/inves_unidadbio.htm) containing educational material and software tools such as several statistics calculators, a program in Stata implementing generalizations of kappa index, another one to generate nomograms after logistic regression. But the main product is the Meta- DiSc, a program to perform meta-analysis of diagnostic tests, cited over 430 times according to Web of Science.

From September 2013, they have reached a partnership agreement between the University Rey Juan Carlos and IRYCIS, in order to lead the Colaborative Centre to Community of Madrid for the Iberoamerican Cochrane Centre.

The group collaborates with the European Medicines Agency conducting scientific advice and assessment reports.



PROGRAMME:
**Health Service
 Evaluation**

Grupo de Investigación en Servicios Sanitarios

Group Members

STAFF MEMBERS

Duran Adroher, Nuria
 García Forero, Carlos
 Martín Morris, Luisa Aurea
 Pardo Cladellas, Yolanda

ASSOCIATED MEMBERS

Ávila Pacheco, Mónica Marcela
 Barbaglia Navarro, M^a Gabriela
 Castellví Obiols, Pere
 Codony Bodas, Miquel
 Ferrer Fores, Montserrat
 Garin Boronat, Olatz
 Olariu, Elena
 Pardo Cladellas, Yolanda
 Pont Acuña, Àngels
 Schmidt, Stefanie
 Vilagut Saiz, Gemma

CONTRIBUTORS

Barbas López, Puri

Lead Researcher

Alonso Caballero, Jordi



Contact:

Programa d'Epidemiologia i Salut Pública
 Consorci Mar Parc de Salut de Barcelona
 C/ Dr. Aiguader, 88, 1^a Planta. 08003 Barcelona
 Phone: (+34) 93 316 07 60 · E.mail: pbarbas@imim.es
http://www.imim.es/programesrecerca/epidemiologia/es_grss.html

Main lines of research

- Health-Related Quality of Life (HRQL) Measurements. Development and evaluation of HRQL instruments in a cross-sectional research line (health services, public health and clinical research). We have adapted and validated more than 40 HRQL instruments, developing a standard guide for evaluating the quality of these instruments (EMPRO), and we have developed a "Method and system for evaluating an individual's Health-Related Quality of Life" (patent application No. P200600211). Collaboration in several European Union-funded projects: International Quality of Life Outcomes Database (IQOD), Measuring Health and Disability in Europe (MHADIE) and the KIDSCREEN project. We lead the technology platform Bibliopro, a virtual library of HRQL questionnaires in Spanish.
- Estimation of the burden of mental disease. Research on frequency, risk factors, disabilities, and economic and social costs related to the most common mental disorders. Research performed in collaboration with World Mental Health (WMH) Surveys Consortium [<http://www.hcp.med.harvard.edu/wmh/>] in 29 countries, coordinated by Harvard University and WHO. Our group leads the 10 European countries with funding from the European Commission and other funds. Assessment of the burden of mental health problems in Europe and estimates on care needs. It also includes studies on specific populations (such as university students) carried out in several countries simultaneously. WMH Consortium's contributions are relevant to improve the knowledge on health care needs and are a more solid basis for decision-making and for developing and evaluating health policies.

Most relevant scientific articles

- Evaluation of health services efficiency and effectiveness. Application of Health-Related Quality of Life (HRQL) measuring instruments as results in the evaluation of the efficacy, effectiveness and efficiency of medical procedures or health programs, specially cancer. It also comprises cost-effectiveness and cost-utility analysis (using psychometric or econometric tools to measure quality of life, respectively) to include an economic evaluation of health services. Research findings are expected to influence the doctors' and the government's decision-making and, therefore, contribute positively to the quality and efficiency of the national health system.
- ALONSO J, VILAGUT G, ADROHER ND, CHATTERJI S, HE Y, ANDRADE LH. Disability mediates the impact of common conditions on perceived health. *PLoS One*. 2013;8(6):e65858.
- FERRER M, GUEDEA F, SUÁREZ JF, DE PAULA B, MACÍAS V, MARIÑO A. Quality of life impact of treatments for localized prostate cancer: cohort study with a 5 year follow-up. *Radiother Oncol*. 2013 Aug;108(2):306-13.
- FORERO CG, VILAGUT G, ADROHER ND, ALONSO J, ESEMED/MHEDEA INVESTIGATORS. Multidimensional item response theory models yielded good fit and reliable scores for the Short Form-12 questionnaire. *J Clin Epidemiol*. 2013 Jul;66(7):790-801.
- GARIN O, FERRER M, PONT À, WIKLUND I, VAN GANSE E, VILAGUT G. Evidence on the global measurement model of the Minnesota Living with Heart Failure Questionnaire. *Qual Life Res*. 2013 Dec;22(10):2675-84.
- HOLLMANN M, GARIN O, GALANTE M, FERRER M, DOMÍNGUEZ A, ALONSO J. Impact of influenza on health-related quality of life among confirmed (H1N1)2009 patients. *PLoS One*. 2013;8(3):e60477.

Highlights

In 2013 we published 51 original articles (48 international, 53% first quartile) in indexed scientific journals. H-index: J. Alonso (68), M. Ferrer (30).

J. Alonso is Europe's regional project coordinator for WHO World Mental Health (WMH) Surveys. M. Ferrer is the scientific coordinator for BiblioPRO, virtual library of Health-Related Quality of Life instruments in Spanish. It is a transfer activity by researchers from 4 CIBERESP groups, 1 CIBERSAM group, 1 CIBERNED group, and from the Network and Health Services Research on Chronic Patients Network (REDISSEC).

The group had five ongoing research projects during 2013 with competitive funding:

- Assessment of the safety of LABAs in asthma in routine care... (ASTRO-LAB), European Commission HEALTH-F5-2011-282593 2011-15. Partner, PI: Montse Ferrer.
- Coordinated study on the new version of EuroQol (EQ-5D) for use in Spain. ISCIII PI12/00772 2012-15. Coordinating PI: Montse Ferrer.
- Assessment of severity based on mood disorders and anxiety symptoms. ISCIII PI10/00530 2011-13. PI: Jordi Alonso
- BiblioPRO: virtual library of Health-Related Quality of Life instruments. RECERCAIXA 2010ACUP 00158 2011-13. IP: Jordi Alonso.
- Cost effectiveness and cost utility of the main treatments for localized prostate cancer: 7-year follow-up study. Agència d'Avaluació de Tecnologia i Recerca Mèdica 436/05/2008 2009-13. PI: Montse Ferrer.

During 2013, the group had 4 predoctoral and 1 postdoctoral grants and contracts competitively funded, 1 contract with the Catalan Government's Department of Health, and funding as Consolidated research group 2009 SGR 1095, by the Agency for Administration of University Research Grants (AGAUR).

During 2013 O. Garin defended her PhD thesis and three members of the group lead 3 graduate theses at the Masters in Public Health, UPF-UAB program, in which they maintain a prominent teaching and management participation.



PROGRAMME:

Ep. and Prev. Environmental
 and Occupational Diseases

Group 41 CIBERESP-FISABIO

Group Members

STAFF MEMBERS

Esplugues Cebrían, Ana
 Estarlich Estarlich, M^a Luisa
 Vicedo Cabrera, Ana María

ASSOCIATED MEMBERS

Arnedo Pena, Alberto
 Barona Vilar, Carmen
 Bautista Bellido Blasco, Juan
 Fuentes Leonarte, Virginia
 Iñiguez Hernández, Carmen
 Llop Pérez, Sabrina
 López Espinosa, María José
 López Villarrubia, Elena
 Marco Macian, Alfredo
 Martínez Beneito, Miguel Ángel
 Martos Jiménez, María Carmen
 Ramón Bonache, Rosa
 Tenias Burillo, José María
 Zurriaga Llorens, Oscar Ernesto

CONTRIBUTORS

Cases Català, Amparo

Lead Researcher

Ballester Díez, Ferran



Contact:

Área de Ambiente y Salud
 Fundación para la Investigación Sanitaria y
 Biomédica de la Comunidad Valenciana (FISABIO)
 Avda. de Cataluña, 21. 46020 Valencia · Phone: (+34) 96 192 57 79
 E.mail: ballester_fer@gva.es

Main lines of research

- Children and Environmental Health.
- Air pollution, climatic factors and health.
- Public Health Surveillance.
- Epidemiology of infectious diseases.
- Mechanisms of development of asthma and allergic diseases.
- Inequalities in health.
- Rare diseases.
- Clinical epidemiology.
- Statistical methods for analysis of epidemiological and environmental data.
- Women's Health.
- Environmental health impact assessment.
- Assessment of exposure to toxic compounds. Biomonitoring.

Most relevant scientific articles

- IÑIGUEZ C, BALLESTER F, COSTA O, MURCIA M, SOUTO A, SANTA-MARINA L ET AL.. Maternal smoking during pregnancy and fetal biometry: the INMA Mother and Child Cohort Study. *Am J Epidemiol*. 2013 Oct 1;178(7):1067-75.
- LLOP S, JULVEZ J, FERNÁNDEZ-SOMOANO A, SANTA MARINA L, VIZCAINO E, IÑIGUEZ C ET AL.. Prenatal and postnatal insecticide use and infant neuropsychological development in a multicenter birth cohort study. *Environ Int*. 2013 Sep;59:175-82.
- MARTÍNEZ-BENEITO MA, ZURRIAGA O, BOTELLA-ROCAMORA P, MARÍ-DELL'OLMO M, NOLASCO A, MONCHO J. Do socioeconomic inequalities in mortality vary between different Spanish cities? a pooled cross-sectional analysis. *BMC Public Health*. 2013 May 16;13:480.
- MEDINA S, BALLESTER F, CHANEL O, DECLERCQ C, PASCAL M. Quantifying the health impacts of outdoor air pollution: useful estimations for public health action. *J Epidemiol Community Health*. 2013 Jun;67(6):480-3.
- PÉREZ L, DECLERCQ C, IÑIGUEZ C, AGUILERA I, BADALONI C, BALLESTER F. Chronic burden of near-roadway traffic pollution in 10 European cities (APHEKOM network). *Eur Respir J*. 2013 Sep;42(3):594-605.

Highlights

During 2013 and coordinated by the Department of Environment and Health FISABIO, the visit at 7-years of the INMA project (Environment and Childhood; www.projectoinma.org) has been completed. In this project the relationship between the environment, diet and genetic characteristics, and health and development in childhood is assessed. A relevant aspect is the participation of the INMA project in several European collaborative research initiatives, such as the EU funded projects as DENAMIC, Medall, CHICOS, and ESCAPE.

Also related to child health, it has continued, from the Epidemiology Unit of Castellón, with works that study the frequency distribution and determinants of asthma and allergic diseases in the context of the international study ISAAC.

In line with the possible health effects of weather and climate, PHASE participates in the European project that aims to contribute to the knowledge of the relationship between meteorological factors on health and evaluate the best strategies for preventing their possible effects on health. Nationally, two researchers of the group participate as experts in the Centre for Health and Climate Change.

In the line of Inequalities in Health, coordinated by the Research Area of the same name within FISABIO, progress has been made in the development of PAR-ENT project and the analysis of the magnitude and determinants of morbidity and mortality severe maternal in Valencia.

Among the research projects of the line stands for Rare Diseases participation in the Joint Action EUROCAT (Surveillance of congenital Anomalies) and Network of Registries on Rare Diseases (SpainRDR) as well as various research projects.



PROGRAMME:
DAPET Programme

Group 33

Group Members

STAFF MEMBERS

Moreno Bofarull, Ana

ASSOCIATED MEMBERS

Claudio Pérez-Díaz, José

Coque González, Teresa

Curiao Garcao, Tania

Galán Montemayor, Juan Carlos

Garmendia Jorge, Leonor

González Alba, José María

Holguín Fernández, África

Sánchez-Calvo, Juan Manuel

De Mulder Rougvie, Miguel

Ripoll González, Aida

Rodríguez Domínguez, Mario José-

Rodríguez Fernández, Irene

Sánchez Valenzuela, Antonio J.

Santos Tedim, Ana Sofía

Torrecilla García, Esther

Turrientes López, Carmen

Yebra Sanz, Gonzalo

Lead Researcher

Baquero Mochales, Fernando



Contact:

Hospital Ramón y Cajal

Carretera de Colmenar, km 9.1. 28034 Madrid

Phone: (+34) 91 336 88 32

E.mail: a.m.bofarull@gmail.com

Website: <http://www.irykis.org/>

Main lines of research

- Epidemiology and ecology of bacterial antibiotic resistance, in relation with antibiotic use, risk groups, and environmental changes.
- Research on mechanisms and dynamics of colonization and transmission of microorganisms among humans, and from animals to humans.
- Research on epidemiology of transmissible diseases, particularly HIV, HCV, LGV, respiratory and neurotropic viruses.
- Epidemiology of non-B HIV-1 subtypes in immigrant and pediatric populations.

Most relevant scientific articles

- BAQUERO F, TEDIM AP, COQUE TM. Antibiotic resistance shaping multi-level population biology of bacteria *Front Microbiol.* 2013;.
- YEBRA G, DELGADO R, PULIDO F, RUBIO R, GALÁN JC, MORENO S, HOLGUÍN A. Different trends of transmitted HIV-1 drug resistance in Madrid, Spain, among nrisk groups in the last decade. *Arch Virol.* 2013;.
- RODRÍGUEZ-DOMÍNGUEZ M, PUERTA T, MENÉNDEZ B, GONZÁLEZ-ALBA JM, RODRÍGUEZ C, HELLÍN T, VERA M, GONZÁLEZ-SAINZ FJ, CLAVO P, VILLA M, CANTÓN R, DEL ROMERO J, GALÁN JC. Clinical and epidemiological characterization of a lymphogranuloma venereum outbreak in Madrid, Spain: co-circulation of two variants. *Clin Microbiol Infect.* 2013;20:219-225.
- NOVAIS C, FREITAS AR, SILVEIRA E, ANTUNES P, SILVA R, COQUE TM, PEIXE L. Spread of multi-drug-resistant *Enterococcus* to animals and humans: an underestimated role for the pig farm environment *J Antimicrob Chemother.* 2013;68:2746-2754.
- CASTILLA J, GODOY P, DOMÍNGUEZ A, MARTÍNEZ-BAZ I, ASTRAY J, MARTÍN V, DELGADO-RODRÍGUEZ M, BARICOT M, SOLDEVILA N, MAYORAL JM, QUINTANA JM, GALÁN JC, CASTRO A, GONZÁLEZ-CANDELAS F, GARÍN O, SAEZ M, TAMAMES S, PUMAROLA T; CIBERESP Cases and Controls in Influenza Working Group Spain (Caylà JA). Influenza vaccine effectiveness in preventing outpatient, inpatient, and severe cases of laboratory-confirmed influenza *CLIN INFECT DIS.* 2013;57(2):167-175.

Highlights

The Group CIBERESP G-33, MSP-RYC was partially funded in 2013 by three Projects of the EU Commission (PAR-241476; EVOTAR-F3-2011-282004; R-GNOSIS-282512), and was accepted as a group in the 8th Call IMI. Ref: ENABLE – 115583 Project; as far as Spanish funding is concerned it has 8 active Projects (PI10-02588; PS09/02381; PS09/00284; PCAPE 2011_0025; PI12/00240; PROMPT-S2010/BMD-2414; PI12-01581; PI12-00567). The Group has been involved in the Scientific Research Group of the EU Commission producing the Document “Joint Programming Initiative on Antibiotic Resistance” (Dr. Baquero), in the Report on EFSA Panel on Biological Hazards (BIOHAZ) (Dr. Coque), and in the Report on Primary Resistances to Antiretrovirals in El Salvador (Ministry for Health and Social Policy of El Salvador). Relations with Pharma and Diagnostic-Technological Industries were: participation in the studies CENIT (CUBIST); E β-Protocol Xpert (CEPHEID); IDI-20120242 (CDTI), and EC11-131. Dr. Baquero was invited as Key-Note Speaker in the ICAAC Conference of the ASM (Denver, USA), lecturing on “A Vision of Antimicrobial Therapy for the Future” which was broadly disseminated in the Web (You Tube). The Group has generated 34 publications in peer-reviewed journals, 68 communications to scientific conferences, and 14 Invited lectures including lectures the Emory School of Public Health (Atlanta, Georgia, USA), the Darwin Summit in Galapagos Islands about Global Evolution and Antibiotic Resistance –Does Evolution Matter?, and the B-Debate (Bio-Cat) and the Barcelona Institute for Global Health (ISGlobal) “On the Global Threat of Antimicrobial resistance: Science for Intervention”. During the year, the Group is progressively shifting from basic molecular biology of pathogens to evolutionary and population biology applications to public health in the broad perspective of Public Health Microbiology.

RESEARCH GROUPS



Grupo 6 –CIBERESP

IP: F. BOLUMAR (FB)

IC: J VIOQUE (JV)

IC: M REBAGLIATO (MR)



PROGRAMME:

Ep. and Prev. Environmental
 and Occupational Diseases

Group 6 Universidad Alcalá y
 Universidad Miguel Hernández

Group Members

STAFF MEMBERS

Aguilar Garduño, Clemente
 Navarrete Muñoz, Eva María

ASSOCIATED MEMBERS

García de la Hera, Manuela
 Pastor Valero, María
 Quiles Izquierdo, Joan
 Rebagliato Ruso, Marisa
 Río Sánchez, Isabel
 Vioque López, Jesús

Lead Researcher

Bolumar Montrull, Francisco



Contact:

Universidad de Alcalá de Henares. Madrid

E.mail: francisco.bolumar@uah.es

Websites: www.uah.es / www.umh.es / www.bibliodieta.es

Main lines of research

- Analyze the effect of pre and postnatal exposure to environmental pollutants and diet on neurodevelopment, lung function, allergy, and respiratory health in the INMA cohort study. (www.proyectoinma.org)
- Identify associated factors in relation to overweight and obesity in adult and children of the INMA study. (www.proyectoinma.org; www.bibliodieta.es)
- Evaluate the effect of diet on non-communicable diseases such as cancer, age-related macular degeneration and other metabolic diseases.

Most relevant scientific articles

- LLOP S, JULVEZ J, FERNÁNDEZ-SOMOANO A, SANTA MARINA L, VIZCAINO E, IÑIGUEZ C ET AL.. Prenatal and postnatal insecticide use and infant neuropsychological development in a multicenter birth cohort study. *Environ Int.* 2013 Sep;59:175-82.
- REBAGLIATO M, MURCIA M, ALVAREZ-PEDREROL M, ESPADA M, FERNÁNDEZ-SOMOANO A, LERTXUNDI N ET AL.. Iodine Supplementation During Pregnancy and Infant Neuropsychological Development: INMA Mother and Child Cohort Study. *Am J Epidemiol.* 2013 May 1;177(9):944-53.
- VIOQUE J, NAVARRETE-MUÑOZ EM, GIMENEZ-MONZÓ D, GARCÍA-DE-LA-HERA M, GRANADO F, YOUNG IS ET AL.. Reproducibility and validity of a food frequency questionnaire among pregnant women in a Mediterranean area. *Nutr J.* 2013 Feb 19;12:26.
- JULVEZ J, ALVAREZ-PEDREROL M, REBAGLIATO M, MURCIA M, FORNS J, GARCÍA-ESTEBAN R ET AL.. Thyroxine levels during pregnancy in healthy women and early child neurodevelopment. *Epidemiology.* 2013 Jan;24(1):150-7.
- REBAGLIATO M, VIOQUE J, ARRIZABALAGA JJ. Iodine supplements during and after pregnancy. *JAMA.* 2013 Apr 3;309(13):1345-6.

Highlights

The members of the group are located at different Universities: Universidad of Alcalá (F. Bolumar), U. Miguel Hernández (Grupo EPINUT led by J Vioque) y U. Jaime I (M. Rebagliato). A total of 26 articles were published in 2013, mostly in International journals with IF in the JCR-ISI Thomson and in accordance with the main lines pointed out and specific aims stated in previous reports.

The EPINUT group is led by Prof. Jesus Vioque who developed and validated a food frequency questionnaire for dietary assessment of pregnant women and their children from the INMA Study. This FFQ is allowing other groups of CIBERESP and, particularly with Marisa Rebagliato within the group 6, to investigate the role of dietary factors and supplements such as folic acid and iodine supplements on fetal growth, neurodevelopment, obesity and other outcomes of interest in the INMA Study.

The EPINUT group is also involved in International projects such as EUREYE Study on age-related macular degeneration in elderly population in European (Financed by the VFP-EU) and the initiative Global Burden of Metabolic Risk Factors of Chronic Diseases Collaborating Group (Circulation, 2013; Pop Health Metrics, 2013). It is also collaborating with other CIBERESP groups in National Projects financed by FIS-ISCI (Determinants of Mammographic Density)

The EPINUT group has developed a website platform to facilitate the use and analysis of epidemiology studies with interest of diet and nutrition. (www.bibliodieta.es)



PROGRAMME:
Clinical Epidemiology

Medicina Basada en la Evidencia

Group Members

STAFF MEMBERS

Barberón, Claudia Andrea
 Pardo Hernández, Héctor
 Popova, Ekaterina

ASSOCIATED MEMBERS

Alonso, Pablo
 Bolibar Ribas, Ignasi
 Gich Saladich, Ignasi
 Martínez Zapata, María José
 Quintana Ruíz, María Jesús
 Roque Figuls, Marta
 Solà Arnau, Iván
 Urrutia Cuchi, Gerard

CONTRIBUTORS

Girós Boixadós, Meritxell

Lead Researcher

Bonfill Cosp, Xavier



Contact:

Hospital Santa Creu Y Sant Pau
 C/ Sant Antoni Maria Claret, 167. 08025 Barcelona
 Phone: (+34) 93 553 78 14
 E.mail: cochrane@cochrane.es · Website: <http://cochrane.es>

Main lines of research

- Systematic reviews.
- Evidence-based Medicine.
- Clinical, epidemiological and health services research.
- Analysis of appropriateness.
- Methodological research.
- Clinical Practice Guidelines.
- Dissemination and transfer of scientific knowledge.

Most relevant scientific articles

- DAVIES C, PAN H, GODWIN J, GRAY R, ARRIAGADA R, RAINA V. Long-term effects of continuing adjuvant tamoxifen to 10 years versus stopping at 5 years after diagnosis of oestrogen receptor-positive breast cancer: ATLAS, a randomised trial. *Lancet*. 2013 Mar 9;381(9869):805-16.
- VON ELM E, RAVAUD P, MACLEHOSE H, MBUAGBAW L, GARNER P, RIED J. Translating Cochrane reviews to ensure that healthcare decision-making is informed by high-quality research evidence. *PLoS Med*. 2013;10(9):e1001516.
- VANDVIK PO, BRANDT L, ALONSO-COELLO P, TREWEEK S, AKL EA, KRISTIANSEN A. Creating clinical practice guidelines we can trust, use, and share: a new era is imminent. *Chest*. 2013 Aug;144(2):381-9.
- ACUÑA-IZCARAY A, SÁNCHEZ-ANGARITA E, PLAZA V, RODRIGO G, MONTES DE OCA M, GICH I. Quality assessment of asthma clinical practice guidelines: a systematic appraisal. *Chest*. 2013 Aug;144(2):390-7.
- BARAJAS-NAVA LA, LÓPEZ-ALCALDE J, ROQUÉ I FIGULS M, SOLÀ I, BONFILL COSP X. Antibiotic prophylaxis for preventing burn wound infection. *Cochrane Database Syst Rev*. 2013 Jun 6;6:CD008738.

Highlights

The most relevant activities carried out by the group no. 43 throughout the year 2013 include:

- The coordination of the Iberoamerican Cochrane Network, which has allowed to develop and publish many systematic reviews in the Cochrane Database of Systematic Reviews (with an IF 5,9) as well as many actions of dissemination of knowledge and research methodology (including the translation and publication of La Biblioteca Cochrane, with open access in Spain and most Latin American countries).
- Active participation in many international non-commercial clinical trials and studies in collaboration with other leading global research academic institutions (where the group has acted as national coordinator and promoter in several of them, especially in the field of perioperative medicine), several of which have obtained competitive public funding and have generated high-impact publications.
- The development of different guidelines on clinical practice under the Plan de Calidad para el Sistema Nacional de Salud del Ministerio de Sanidad, Política Social e Igualdad and/or in collaboration with scientific entities, defining the group as one of the major technical units in elaborating guidelines and methodological advice in Spain.
- The boost of research and dissemination of knowledge initiatives in the field of assessing practices and procedures, and analysing the alignment of clinical and care practice (including the recent launch of the website DianaSalud).
- The active participation in collaborative workgroups and networks, some of international scope (Cochrane Collaboration, GRADE Working Group, Guiasalud, LatinCLEN).
- The participation in two European projects

Group Members

STAFF MEMBERS

Camprubí Condom, Lluís
 Gotsens Miquel, Mercè
 Malmusi, Davide
 Marí Dell Olmo, Marc
 Palència Fernández, Laia

ASSOCIATED MEMBERS

Álvarez-Dardet Díaz, Carlos
 Artazcoz Lazcano, Lucía
 Cortes Franch, Immaculada
 Diez David, Elia
 Ferrando Belart, Josep
 Gil González, Diana
 Pasarín Rua, María Isabel
 Peiro Pérez, Rosana
 Pérez Albarracín, Gloria
 Pérez González, Catherine
 Rodríguez Sanz, Maica
 Rohlfs Barbosa, Izabella
 Ruíz Cantero, María Teresa
 Salvador Peral, Joaquín
 Santamariña Rubio, Elena
 Vives Cases, Carmen

CONTRIBUTORS

Altimira, Patricia

Most relevant scientific articles

Lead Researcher

Borrell Thió, Carme

Contact:

Agencia de Salud Pública de Barcelona
 Pl. Lesseps 1. 08023 Barcelona
 Phone: (+34) 93 202 77 71

Main lines of research

- Inequalities in health by social class, gender, immigration and geographical area.
- Development of theoretical frameworks and methodologies for the study of the intersections of social class, gender and country of origin on health inequalities.
- The social and political determinants of health and their effect on the construction of policies and interventions
- Study of national and transnational influences on policies affecting health.

- ARTAZCOZ L, CORTÈS I, ESCRIBÀ-AGÜIR V, BARTOLL X, BASART H, BORRELL C. Long working hours and health status among employees in Europe: between-country differences. *Scand J Work Environ Health*. 2013 Jul;39(4):369-78.
- MACÍAS F, MALMUSI D, BORRELL C. Different patterns by age-group and gender of socioeconomic inequalities in smoking in Colombia. *Nicotine Tob Res*. 2013 Oct;15(10):1745-55.
- XU Y, DADVAND P, BARRERA-GÓMEZ J, SARTINI C, MARÍ-DELL'OLMO M, BORRELL C. Differences on the effect of heat waves on mortality by sociodemographic and urban landscape characteristics. *J Epidemiol Community Health*. 2013 Jun;67(6):519-25.
- RUÍZ-MUÑOZ D, WELLINGS K, CASTELLANOS-TORRES E, ÁLVAREZ-DARDET C, CASALS-CASES M, PÉREZ G. Sexual health and socioeconomic-related factors in Spain. *Ann Epidemiol*. 2013 Oct;23(10):620-8.
- VIVES-CASES C, TORRUBIANO-DOMÍNGUEZ J, GIL-GONZÁLEZ D, PARRA DL, AGUDELO-SUÁREZ AA, DAVÓ M. Social and immigration factors in intimate partner violence among Ecuadorians, Moroccans and Romanians living in Spain. *Eur J Public Health*. 2013 Sep 12;.

Highlights

- The group has obtained three projects of the Instituto de Salud Carlos III, two of them are part of the coordinated project to analyze the impact of the crisis on the health of the Spanish population. On the other hand we continue to lead the SOPHIE European project (EU FP7).
- It has been achieved an agreement with the General Directorate for Traffic: "Semi - separation in conventional highway roads: analysis of different systems and evaluation of interventions already made."
- The year 2013 have been presented 4 doctoral theses directed by researchers of the group.
- Also, we have worked with the Immigration Sub-program for the analysis of data from the National Health Survey 2011-12 to study health and determinants of health in immigrant population.
- The Observatory Health of Inequalities is alive, a scientific portal of free access specializing in Health Inequalities Gapminder, participating in the Inequality Watch project, and developing a Training Plan. It continues to publish and update content on website inequalities.
- Several members of Alicante are part of the WHO collaborating center for issues of social inclusion and health. They participate in the social Interuniversity Institute for Peace and Development at the University of Alicante.
- We have created the forum of public health academics and held its first meeting centered on pharmacy degree and the results will be submitted to the journal Gaceta Sanitaria for consideration as an original article.
- We continue to lead the journal Gaceta Sanitaria (Carme Borrell) and participating in the editorial committee (Carlos Alvarez- Dardet, Carmen Vives, Gloria Pérez).

Group 44

Group Members

STAFF MEMBERS

Olmedo Requena, M^a del Rocío

ASSOCIATED MEMBERS

Amezcuca Prieto, Carmen

Espigares García, Miguel

Espigares Rodríguez, Elena

Fdez.-Crehuet Navajas, Milagros

García Martín, Miguel

Guillén Solvas, José Francisco

Jiménez Mejias, Eladio

Jiménez Monleón, José Juan

Lardelli Claret, Pablo

Moreno Abril, Obdulia

Mozas Moreno, Juan

Lead Researcher

Bueno Cavanillas, Aurora

Contact:

Universidad de Granada

Phone: (+34) 958 248 855

E.mail: abueno@ugr.es

<http://www.salud-publica.es/index.php?seccion=4&subseccion=4>

Main lines of research

- Prevalent health problems.
- Accidental Injury Epidemiology.
- Health Services.

Most relevant scientific articles

- MARTÍNEZ-RUIZ V, LARDELLI-CLARET P, JIMÉNEZ-MEJÍAS E, AMEZCUA-PRIETO C, JIMÉNEZ-MOLEÓN JJ, LUNA DEL CASTILLO JDE D. Risk factors for causing road crashes involving cyclists: An application of a quasi-induced exposure method. *Accid Anal Prev.* 2013 Mar;51:228-37.
- AMEZCUA-PRIETO C, OLMEDO-REQUENA R, JIMÉNEZ-MEJÍAS E, HURTADO-SÁNCHEZ F, MOZAS-MORENO J, LARDELLI-CLARET P. Changes in leisure time physical activity during pregnancy compared to the prior year. *Matern Child Health J.* 2013 May;17(4):632-8.
- MARTÍN-MARTÍN LM, VALENZA-DEMET G, JIMÉNEZ-MOLEÓN JJ, CABRERA-MARTOS I, REVELLES-MOYANO FJ, VALENZA MC. Effect of occupational therapy on functional and emotional outcomes after hip fracture treatment: a randomized controlled trial. *Clin Rehabil.* 2013 Nov 22;.
- HUANG X, JIMÉNEZ-MOLEÓN JJ, LINDHOLM B, CEDERHOLM T, ARNLÖV J, RISÉRUS U. Mediterranean diet, kidney function, and mortality in men with CKD. *Clin J Am Soc Nephrol.* 2013 Sep;8(9):1548-55.
- ABARCA TOMÁS B, PELL C, BUENO CAVANILLAS A, GUILLÉN SOLVAS J, POOL R, ROURA M. Tuberculosis in migrant populations. A systematic review of the qualitative literature. *PLoS One.* 2013;8(12):e82440.

Highlights

Starting up the Doctoral School of Health Sciences.
Organization of the Research institute Biosanitary of Granada.



PROGRAMME:
DAPET Programme

Epidemiología Clínica y Molecular

Group Members

STAFF MEMBERS

Artero González, M^a Luisa
Respaldiza Salas, M^a Nieves

ASSOCIATED MEMBERS

Briones Pérez de la Blanca, Eduardo
Friaiza Patiño, Vicente
De la Horra Padilla, M^a del Carmen
Marín Leon, Ignacio
Medrano Ortega, Francisco Javier
Montes Cano, Marco Antonio
Pérez Lozano, María José
Varela Aguilar, José Manuel

Lead Researcher

Calderón Sandubete, Enrique J.



Contact:

Área de Medicina Interna. Hospital Virgen del Rocío
Avda. Manuel Siurot, s/n. 41013 Sevilla
Phone: (+34) 649 024 547
E.mail: sandube@cica.es

Main lines of research

- Epidemiology and physiopathology of the infection by *Pneumocystis jirovecii*.
- Role of infectious agents as determinants of noncommunicable chronic diseases.
- Development of methods for evaluation and improvement of clinical practice.

Most relevant scientific articles

- CALDERÓN EJ, DE ARMAS Y, PANIZO MM, WISSMANN G. Pneumocystis jirovecii pneumonia in Latin America. A public health problem? *Expert Rev Anti Infect Ther.* 2013 Jun;11(6):565-70.
- GARCÍA-LOZANO JR, TORRES-AGRELA B, MONTES-CANO MA, ORTIZ-FERNÁNDEZ L, CONDE-JALDÓN M, TERUEL M. Association of the AIRE gene with susceptibility to rheumatoid arthritis in a European population: a case control study. *Arthritis Res Ther.* 2013 Jan 15;15(1):R11.
- CALZÓN S, CORTÉS MAJÓ M, BRIONES E, VILCHES-ARENAS A. [High mortality of meningococcal group C disease in adults in the Seville province (2008-2012).] *Med Clin (Barc).* 2013 Aug 3;.
- GOROSTIDI M, SARAFIDIS PA, DE LA SIERRA A, SEGURA J, DE LA CRUZ JJ, BANEGAS JR. Differences between office and 24-hour blood pressure control in hypertensive patients with CKD: A 5,693-patient cross-sectional analysis from Spain. *Am J Kidney Dis.* 2013 Aug;62(2):285-94.
- VIDAL S, GONZÁLEZ N, BARRIO I, RIVAS-RUIZ F, BARÉ M, BLASCO JA. Predictors of hospital admission in exacerbations of chronic obstructive pulmonary disease. *Int J Tuberc Lung Dis.* 2013 Dec;17(12):1632-7.

Highlights

Annual Health Award of the Cuban Ministry of Health for the article "Low genetic diversity of *Pneumocystis jirovecii* among Cuban population based on two-locus mitochondrial typing"

Best oral communication award at the 13th Congress of the Society of Internal Medical of Madrid and Castilla la Mancha for the presentation "Hyponatremia as a prognostic factor for inpatients with first diagnosis of congestive heart failure. Data from PREDICE study.

The organization of the first meeting of experts from Latin-American and Portuguese-speaking countries about *Pneumocystosis*

GUIDELINE: Consensus on integrated care of acute exacerbations of chronic obstructive pulmonary disease (ATINA-EPOC). Part VI. *Semergen.* 2013; 39: 85-8.



PROGRAMME:
DAPET Programme

Group 27

Group Members

STAFF MEMBERS

Hernando Rovirola, Cristina
 López Corbeto, Evelin

ASSOCIATED MEMBERS

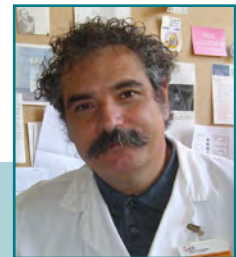
Agustí Benito, Cristina
 Almeda Ortega, Jesús
 Esteve Gómez, Anna
 Fernández López, Laura
 Ferrer Serret, Laia
 Folch Toda, Cinta
 González Soler, María Victoria
 Loureiro Varela, Eva
 Lugo Colon, Rossie G
 Martro Catala, Elisa
 Matas Andreu, Joana M^a Lourdes
 Montoliu Giménez, Alexandra
 Sabido Espin, Meritxell
 Saludes Montoro, Veronica
 Vallés i Casanova, Francesc X.
 Vives Martín, Nuria

CONTRIBUTORS

Galdón Muñoz, Montserrat

Lead Researcher

Casabona Barbara, Jordi



Contact:

Centre d'Estudis Epidemiològics sobre les Infeccions
 de Transmissió Sexual i SIDA de Catalunya
 2a planta de l'edifici maternal. Hospital Universitari Germans Trias i Pujol
 Carretera Canyet s/n. 08916 Badalona · Phone: (+34) 93 497 88 91
 E.mail: ceeiscat@iconcologia.net · Website: www.ceeiscat.cat

Main lines of research

- Modeling and new methods for monitoring the HIV and sexually transmitted infections (STIs).
- Evaluation of preventive interventions for HIV and STI and prevention and control measures.
- Implementation studies and operational research in the early diagnosis of HIV.
- Biological, behavioral and structural determinants in the acquisition and spread of communicable diseases in migrant population.
- Global Health. Design of Multilevel preventive interventions and monitoring of social networks and metrics applied to the study of HIV and STIs epidemics.
- Development and validation of new molecular techniques for STIs diagnosis.
- Study of molecular epidemiology of the hepatitis C virus, and the genetic variability according to antiviral resistance and progression of hepatic fibrosis.

Most relevant scientific articles

- TUNEU M, VALLES X, CARNICER-PONT D, BARBERA M, GODOY P, AVECILLA-PALAU A. Pilot study to introduce a notification card for partner notification of sexually transmitted infections in Catalonia, Spain, June 2010 to June 2011. *Euro Surveill.* 2013 Jul 4;18(27).
- MANZARDO C, ESTEVE A, ORTEGA N, PODZAMCZER D, MURILLAS J, SEGURA F ET AL.. Optimal timing for initiation of highly active antiretroviral therapy in treatment-naïve human immunodeficiency virus-1-infected individuals presenting with AIDS-defining diseases: the experience of the PISCIS Cohort. *Clin Microbiol Infect.* 2013 Jul;19(7):646-53.
- MAY MT, INGLE SM, COSTAGLIOLA D, JUSTICE AC, DE WOLF F, CAVASSINI M ET AL.. Cohort profile: Antiretroviral Therapy Cohort Collaboration (ART-CC). *Int J Epidemiol.* 2013 Apr 18;.
- MOCROFT A, LUNDGREN JD, SABIN ML, MONFORTE Ad, BROCKMEYER N, CASABONA J ET AL.. Risk factors and outcomes for late presentation for HIV-positive persons in Europe: results from the Collaboration of Observational HIV Epidemiological Research Europe Study (COHERE). *PLoS Med.* 2013;10(9):e1001510.
- SALUDES V, BASCUÑANA E, JORDANA-LLUCH E, CASANOVAS S, ARDÈVOL M, SOLER E ET AL.. Relevance of baseline viral genetic heterogeneity and host factors for treatment outcome prediction in hepatitis C virus 1b-infected patients. *PLoS One.* 2013;8(8):e72600.

Highlights

CEEISCAT has led the European project HIV COBATEST which included 10 Associated Partners from 8 European countries and 23 Collaborating Partners. One of its main results has been a network of 59 community screening centers in 16 countries in which to operation research. In December, the group signed the Grant Agreement as group leader of a new DG SANCO, Euro HIV EDAT (2014-2017), with a budget of EUR 1.3 million, 13 partners from 8 countries and 14 collaborating countries.

CEEISCAT has consolidated the PISCIS Cohort of HIV positive patients, increasing its coverage in Catalonia (12 hospitals in Catalonia and 2 from the Balearic Islands). Nowadays, the cohort is monitoring 14,000 patients.

CEEISCAT has established the Working Group for early diagnosis of HIV in Primary Health Care in Spain in collaboration with semFYC, CAMFiC, IDIAP Gol and Gurina and Programme for AIDS Prevention and Care Department of Health .

During 2013 the report SIVES 2012 has been published, it included information on HIV and other STIs prevalence, incidence, related risk behavior, diagnostic activity and therapeutic effectiveness. It also included a leaflet with the indicators defined by ECDC available and applicable in Catalonia in 2012 to keep track of the Dublin Declaration and the " Treatment Cascade " to estimate and monitor access to diagnosis and treatment of HIV.

CEEISCAT collaborated on the Technical Report EMIS 2010, which contained the results of the analysis of the survey implemented on the Internet aimed at men who have sex with men in 38 countries of the European Region of WHO. The aim of the survey was to investigate aspects of sexuality , sexual behaviors and STIs in this group.

Group Members

STAFF MEMBERS

Burgui Pérez, Rosana
Delfrade Osinaga, Iosu
Etxeberria Andueza, Jaione

ASSOCIATED MEMBERS

Ardanaz Aicua, Eva
Arriazu Berastegui, M^a Teresa
Ascunce Elizaga, Nieves
Azagra Rey, María Jesús
Barricarte Gurrea, Aurelio
Echauri Ozcoidi, Marga
Ederra Sanz, María
Elizalde Soto, Lazaro
Erdozain Eguaras, Nieves
Floristán Floristán, M^a del Yugo
García Cenoz, Manuel
García López, Milagros
Guevara Eslava, Marcela del Pilar
Irisarri Zamarbide, Fatima
Marín Palacios, María Pilar
Martínez Baz, Iván
Pérez Jarauta, María José
Vidan Alli, Juana

Lead Researcher

Castilla Catalán, Jesús

Contact:

Instituto de Salud Pública de Navarra
C/ Leyre, 15. 31003 Pamplona
Phone: (+34) 848 421 477 · E.mail: jcastilc@navarra.es
Website: <http://www.isp.navarra.es>

Main lines of research

- Epidemiology of chronic diseases, by participation in multicenter cohort studies and in population-based registers of cancer and acute myocardial infarction.
 - Cohort EPIC and associated projects EPIC-Heart, InterAct and Neuro-EPIC.
 - Multicase-Control Study MCC-Spain
 - Spanish Network of Population-based Cancer Registries REDECAN.
 - Cardiovascular diseases and participation in the study FRESCO.
 - Analysis of mortality, trends and analysis of socioeconomic inequalities (MEDEA).
 - Studies on lifestyles and health.
 - Rare Diseases Registry.
- Evaluation of screening programmes.
 - Impact of breast cancer screening programmes.
 - Analysis of the probability of false-positive results in screening mammography.
 - Relationship among false-positive, true positive and adherence to the screening programmes.
 - Mammographic breast density in Spanish women coming to breast cancer screening programmes (DDM-Spain) and association with reproductive & lifestyle factors & genetic determinants (Var-DDM).
- Epidemiological research on infectious diseases and evaluation of the effectiveness and impact of the vaccines:
 - Effectiveness and impact of vaccines: influenza, pneumococcal, varicella, rotavirus, mumps, whooping cough, etc.
 - Investigation of infectious diseases outbreaks.
 - Evaluation of preventive interventions against HIV, tuberculosis, etc.

Most relevant scientific articles

- CASTILLA J, GODOY P, DOMÍNGUEZ A, MARTÍNEZ-BAZ I, ASTRAY J, MARTÍN V, DELGADO-RODRÍGUEZ M, BARRICOT M, SOLDEVILA N, MAYORAL JM, QUINTANA JM, GALÁN JC, CASTRO A, GONZÁLEZ-CANDELAS F, GARÍN O, SAEZ M, TAMAMES S, PUMAROLA T; CIBERESP Cases and Controls in Influenza Working Group Spain (Caylà JA). Influenza vaccine effectiveness in preventing outpatient, inpatient, and severe cases of laboratory-confirmed influenza. *CLIN INFECT DIS*. 2013;57(2):167-175.
- GARCÍA CENOZ M, CASTILLA J, CHAMORRO J, MARTÍNEZ-BAZ I, MARTÍNEZ-ARTOLA V, IRISARRI F. Impact of universal two-dose vaccination on varicella epidemiology in Navarre, Spain, 2006 to 2012. *Euro Surveill*. 2013 Aug 8;18(32):20552.
- CASTILLA J, MARTÍNEZ-BAZ I, MARTÍNEZ-ARTOLA V, REINA G, POZO F, GARCÍA CENOZ M. Decline in influenza vaccine effectiveness with time after vaccination, Navarre, Spain, season 2011/12. *Euro Surveill*. 2013 Jan 31;18(5).
- ZAMORA-ROS R, FOROUHI NG, SHARP SJ, GONZÁLEZ CA, BUIJSSE B, GUEVARA M. The association between dietary flavonoid and lignan intakes and incident type 2 diabetes in European populations: the EPIC-InterAct study. *Diabetes Care*. 2013 Dec;36(12):3961-70.
- PASTOR-BARRIUSO R, ASCUNCE N, EDERRA M, ERDOZÁIN N, MURILLO A, ALÉS-MARTÍNEZ JE, POLLÁN M. Recalibration of the Gail model for predicting invasive breast cancer risk in Spanish women: a population-based cohort study. *Breast Cancer Res Treat*. 2013 Feb;138(1):249-59.

Highlights

Participation in the EPIC International cohort study and associated studies (InterAct, EPIC-heart, Neuro-EPIC,). During the last years, this collaboration has generated a large amount of scientific information on the relationship of diet and lifestyle as cause of cancer, diabetes, cardiovascular diseases and neurodegenerative diseases.

Set up of the Rare Diseases Registry of Navarra, in connexion with Spanish and European Networks.

Participation in the I-MOVE European Network, funded by the ECDC, for evaluating the influenza vaccine effectiveness. This network is formed by the main Public Health institutes of European countries. We have contributed along with public health agencies of USA, Canada, Australia and other European countries to the GIVE Report (Global Influenza Vaccine Effectiveness) that has been considered by the WHO for the selection of influenza virus strains to be included in the influenza vaccine of the following season.

Evaluation of the vaccination against varicella in Navarra. We have demonstrated a very rapid control of this infection following the introduction of this vaccination in the childhood immunization schedule.

Programme of self-care for patients with asthma. This programme includes a clinical protocol for primary healthcare and a protocol for health education in order to patients know their disease better and take self-care.

Participation in the DDM cohort study to know the determinants in breast density in women, as well as factors specifically associated with changes in mammographic patterns. Participants in the study are the main Spanish breast cancer screening programmes and the Instituto of Health Carlos III.



PROGRAMME:

Communic. Disease Surveillance,
 Prevention and Control

Grupo de Investigación sobre enfermedades transmisibles en una gran ciudad

Group Members

STAFF MEMBERS

Casals Toquero, Martí
 Jacques Aviñó, Constanza
 Solano Silveira, Rubén

ASSOCIATED MEMBERS

De Benito Langa, Javier
 García de Olalla Rizo, Patricia
 Martín Sánchez, Vicente
 Millet Vilanova, Joan Pau
 Moreno Martínez, Antonio
 Orcau Palau, Angels
 Pañella Noguera, Helena
 Rius Gibert, Cristina
 Rodrigo Sanz, María Teresa
 Sánchez Martínez, Francisca

CONTRIBUTORS

Asensio, Joan
 Serrano, Carmen

Lead Researcher

Cayla Buqueras, Joan Artur



Contact:

Servicio de Epidemiología
 Agencia de Salud Pública de Barcelona
 Pl Lesseps 1. 08023 Barcelona. Phone: (+34) 93 238 45 55
 E.mail: jcayla@aspb.cat · Website: www.uitb.cat

Main lines of research

- Application of the new technologies to tuberculosis (TB) control: See the web page of the "TB Investigation Unit of Barcelona" (UITB): <http://www.uitb.cat>. The main objective of UITB is to produce scientific knowledge of relevance on the control, diagnosis, treatment and prevention of TB. Adherence to treatments and contact tracing are the priorities.
- Community health workers' (CHW) role in the control of communicable diseases: With the massive immigration observed since 2000, we incorporated CHW in the prevention and control of infectious diseases. They act as a cultural mediators and as a translators.
- Studies about the increasing incidence of mumps, pertussis and sexually transmitted infections.
- Epidemic outbreaks.
- International Research:
 - Clinical trials for TB: Our centre, which is the only such centre in Europe, is part of a network of international centres associated with the CDCs TB Trials Consortium, promoting international involvement in laying the therapeutic and strategic bases for the treatment of active and latent TB infection (LTBI). (See: "Sterling TR, et al. N Engl J Med. 2011). This paper has changed the treatment of LTBI. Now the recommendation is 3 months once weekly with rifapentine plus isoniazide.
 - Investigate the transmission of hepatitis B in autochthonous and immigrant populations: with several European groups with a grant from Executive Agency for Health and Consumers (Projecte Hepscreen. Screening for hepatitis B and C among migrants in the European Union).
- Translational Investigation: Significant international diffusion has been achieved with our web page. According to Google Analytics, every year we had 10.000-20.000 visits, most of them from Spain and Latin America. From the visits and discussion forum comments, it is clear that we continue to play a key role in Spain and in Latin America.

Most relevant scientific articles

- MARCO A, ESTEBAN JI, SOLÉ C, DA SILVA A, ORTIZ J, ROGET M, SARRIERA C, TEIXIDÓ N, GUERRERO RA, CAYLÀ JA. Hepatitis C virus reinfection among prisoners with sustained virological response after treatment for chronic hepatitis CJ HEPATOL. 2013;59(1):45-51.
- DOMÍNGUEZ A, GODOY P, CASTILLA J, SOLDEVILA N, TOLEDO D, ASTRAY J. Knowledge of and attitudes to influenza vaccination in healthy primary healthcare workers in Spain, 2011-2012. PLoS One. 2013;8(11):e81200.
- MARCO A, GALLEGO C, GARCÍA DE OLALLA P, SOLÉ N, ARGÜELLES MJ, ESCRIBANO M, SÁNCHEZ M, CAYLÀ JA. Late diagnosis of HIV infection among prisoners AIDS REV. 2013;15(3):146-151.
- LAFUENTE S, NOLLA J, VALDEZATE S, TORTAJADA C, VARGAS-LEGUAS H, PARRON I, SÁEZ-NIETO JA, PORTAÑA S, CARRASCO G, MOGUEL E, SABATE S, ARGELICH R, CAYLÀ JA. Two simultaneous botulism outbreaks in Barcelona: Clostridium baratii and Clostridium botulinum EPIDEMIOLOG INFECT. 2013;141(9):1993-1995.
- VAN DER HELM J, GESKUS R, SABIN C, MEYER L, DEL AMO J, CHÉNE G, DORRUCCI M, MUGA R, PORTER K, PRINS M; CASCADE Collaboration in EuroCoord. (García de Olalla P, Caylà JA). Effect of HCV infection on cause-specific mortality after HIV seroconversion, before and after 1997 GASTROENTEROLOGY. 2013;144(4):751-760.

Highlights

PROJECTS:

- CDC-EEUU:

- Study 26: Effectiveness and tolerability of weekly rifapentine/isoniazid for three months given as directly- observed therapy versus daily isoniazid for nine months for the treatment of latent tuberculosis infection.

- Study 26A: The impact of chronic viral hepatitis on patient discontinuation of treatment for latent TB infection due to hepatotoxicity.

- Study 33: Evaluation of adherence to LTBI treatment with 12 doses of once weekly rifapentine and isoniazid given as self-administered versus directly-observed therapy.

- FIS:

- PI240961/10. The use of HIV rapid test in Spain: description of programmes, impact assessment and analysis of its potential use as early diagnosis intervention.

- PII12/02573. Communicable diseases screening in immigrant population based on a low socioeconomic neighbourhood: comparison of two strategies.

- Others:

- Euro TB. HIV-TB coinfección project.

- FIPSE 361036/10. Risk of HIV infection and health access barriers for HIV prevention and testing in Spanish immigrant population.

- SANCO 2010. Executive Agency for Health and Consumers. Screening for hepatitis B and C among migrants in the European Union.

- SEPAR. Validation of a predictive score for non-adherence to tuberculosis treatment.

- Serum Staten Institute TESEC-06. A phase III contact tracing trial comparing the diagnostic performance of C-Tb to QuantiFERON®-TB Gold In-Tube, in combination with a double blind randomized split body safety assessment of C-Tb versus 2 T.U. Tuberculin PPD RT23.

Results: All these projects are producing or have already produced results.

MEDIA:

- TB in big cities video: link <http://youtu.be/mE1nZn3bCmE>

- New UITB website, available at: uitb.cat.

SCIENTIFIC CONFERENCES: III Emerging diseases workshop, World TB Day Conference, XVII International UITB workshop on TB, European meetings with HEPSCREEN project and TB in big cities working group.



PROGRAMME:
**Social Determinants
 of Health**

Determinantes sociales, medio ambiente, ciudadanía y salud

Group Members

STAFF MEMBERS

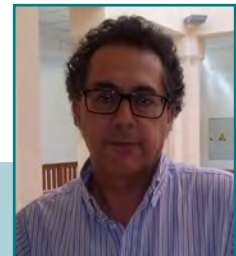
Bernal Solano, Mariola
 Danet, Alina

ASSOCIATED MEMBERS

Bolivar Muñoz, Julia
 Cabrera Leon Andrés,
 Escudero Carretero, María
 García Calvente, María Del Mar
 López Fernández, Luis Andrés
 March Cerda, Joan Carles
 Martín Olmedo, María Piedad
 Mateo Rodríguez, Inmaculada
 Prieto Rodríguez, María Angeles
 Sánchez Villegas, Pablo
 Suess, Amets

Lead Researcher

Daponte Codina, Antonio



Contact:

Escuela Andaluza de Salud Pública
 Cuesta del Obsevatorio, 4. 18011 Granada
 Phone: (+34) 958 027 400
 E.mail: antonio.daponte.easp@juntadeandalucia.es
 Website: www.easp.es

Main lines of research

- Environment and Health:
 - Air-pollution and health
 - Exposure assessment and biomonitoring
 - Planning and Health
 - Working conditions and health
- Patients, Citizenship and Health Services:
 - Citizen Expectations
 - Excluded and social exclusion: drugs and social exclusion.
 - Immigration and health
 - Information needs of citizens
- Social Inequalities in Health:
 - Evictions and health
 - Gender inequalities in health
 - Gender and informal care
 - Social and gender inequalities in cardiovascular health
 - Productive-work, gender and health

Most relevant scientific articles

- DANET A, MEDINA-DOMÉNECH RM. A "tale of two countries": Narratives of hearts, patients and doctors in the Spanish press. *Public Underst Sci*. 2013 Oct 28;
- VENEGAS-SÁNCHEZ J, RIVADENEYRA-SICILIA A, BOLÍVAR-MUÑOZ J, LÓPEZ-FERNÁNDEZ LA, MARTÍN-OLMEDO P, FERNÁNDEZ-AJURIA A. [Health impact assessment of the San Fernando street renewal project in Alcalá de Guadaíra (Seville, Spain)]. *Gac Sanit*. 2013 May-Jun;27(3):233-40.
- RICCI-CABELLO I, OLRÍ DE LABRY-LIMA A, BOLÍVAR-MUÑOZ J, PASTOR-MORENO G, BERMUDEZ-TAMAYO C, RUÍZ-PÉREZ I. Effectiveness of two interventions based on improving patient-practitioner communication on diabetes self-management in patients with low educational level: study protocol of a clustered randomized trial in primary care. *BMC Health Serv Res*. 2013 Oct 23;13:433.
- ESCUDERO-CARRETERO MJ, SÁNCHEZ-GÓMEZ S, GONZÁLEZ-PÉREZ R, SANZ-AMORES R, PRIETO-RODRÍGUEZ MA, FERNÁNDEZ DE LA MOTA E. [Elaboration and validation of an informative document on adenoamigdalectomy for patients]. *An Sist Sanit Navar*. 2013 Jan-Apr;36(1):21-33.
- MARTÍNEZ-BENEITO MA, ZURRIAGA O, BOTELLA-ROCAMORA P, MARÍ-DELL'OLMO M, NOLASCO A, MONCHO J. Do socioeconomic inequalities in mortality vary between different Spanish cities? a pooled cross-sectional analysis. *BMC Public Health*. 2013 May 16;13:480.

Highlights

Comparing European Prostitution Policies: Understanding Scales and Cultures of Governance (ProsPol): ProsPol will compare and disseminate knowledge about the multiple contexts, features and effects of prostitution policies at the European, national and local levels. Due to the combined pressures of globalisation and changing patterns of migration, trafficking and the commercialisation of sex, prostitution has received unprecedented levels of attention in the last three decades. This has led to a heightened demand for effective models of regulation, for legal harmonization and sharing practice across jurisdictions. Nevertheless, much is contested in this field, with countries adopting varying approaches in light of their own particular political, social and legal cultures.

Yorie. Young and Old for Regional Identities in Europe: The project aims to empower the construction of European identity based on the reemergence of regional identities through intergenerational support to young adults' personal development to assist transition to the wider community and employment opportunities along with acquisition of key competences in non-formal and informal backgrounds as a non-traditional route back into education and employment.

'PROGRESS TOWARDS HEALTHY AGEING IN EUROPE': The 'PROGRESS TOWARDS HEALTHY AGEING IN EUROPE' project - involving five European countries and are involved far more than 20 organizations, aims to give a joint response to the challenge of establishing political action to support a healthy, active aging and worthy, improving efficiency and effectiveness in the costs involved in the health and social care for an increasingly elderly population. The project proposes initiatives to promote healthy aging in the workplace.



PROGRAMME:

**Epidemiology and Prevention
of Chronic Diseases**

Group 16

Group Members

ASSOCIATED MEMBERS

Llorca, Javier
Dierssen Sotos, Trinidad
Gómez Acebo, Inés
Martínez Galiano, Juan Miguel
Ortiz Ruiz, María Ángela
Quindós Poncela, Luis

Lead Researcher

Delgado Rodríguez, Miguel



Contact:

Universidad de Cantabria.
Facultad de Medicina.
Avda Herrera Oria s/n. Santander
Phone: (+34) 942 201 993
E.mail: javier.llorca@unican.es

Main lines of research

- Epidemiological methods
- Reproductive health epidemiology
- Cancer epidemiology
- Clinical epidemiology on rheumatic diseases

Most relevant scientific articles

- CORRALES A, PARRA JA, GONZÁLEZ-JUANATEY C, RUEDA-GOTOR J, BLANCO R, LLORCA J, GONZÁLEZ-GAY MA. Cardiovascular risk stratification in rheumatic diseases: carotid ultrasound is more sensitive than Coronary Artery Calcification Score to detect subclinical atherosclerosis in patients with rheumatoid arthritis. *Ann Rheum Dis*. 2013 Nov;72(11):1764-70. doi: 10.1136/annrheumdis-2013-203688. Epub 2013 Jul 13. PubMed PMID: 23852762.
- NADAL R, ORTEGA FG, SALIDO M, LORENTE JA, RODRÍGUEZ-RIVERA M, DELGADO-RODRÍGUEZ M, MACIÀ M, FERNÁNDEZ A, COROMINAS JM, GARCÍA-PUCHE JL, SÁNCHEZ-ROVIRA P, SOLÉ F, SERRANO MJ. CD133 expression in circulating tumor cells from breast cancer patients: potential role in resistance to chemotherapy. *Int J Cancer*. 2013 Nov 15;133(10):2398-407. doi: 10.1002/ijc.28263. Epub 2013 Jul 6. PubMed PMID: 23661576.
- DELGADO-RODRÍGUEZ M, CASTILLA J, GODOY P, MARTÍN V, SOLDEVILA N, ALONSO J, ASTRAY J, BARRICOT M, GALÁN JC, CASTRO A, GONZÁLEZ-CANDELAS F, MAYORAL JM, QUINTANA JM, PUMAROLA T, TAMAMES S, SÁEZ M, DOMÍNGUEZ A; CIBERESP Cases and Controls in Pandemic Influenza Working Group, Spain. Different prognosis in hospitalized patients with influenza one season after the pandemic H1N1 influenza of 2009-2010 in Spain. *Influenza Other Respir Viruses*. 2013 Nov;7(6):1336-42. doi: 10.1111/irv.12119. Epub 2013 May 4. PubMed PMID: 23647645.
- GENRE F, MIRANDA-FILLOY JA, LÓPEZ-MEJIAS R, CARNERO-LÓPEZ B, OCHOA R, RUEDA J, GONZÁLEZ-JUANATEY C, BLANCO R, LLORCA J, GONZÁLEZ-GAY MA. Antitumour necrosis factor- α therapy modulates angiopoietin-2 serum levels in non-diabetic ankylosing spondylitis patients. *Ann Rheum Dis*. 2013 Jul;72(7):1265-7. doi: 10.1136/annrheumdis-2012-203169. Epub 2013 Mar 12. PubMed PMID: 23482472.
- WALLMANN R, LLORCA J, GÓMEZ-ACEBO I, ORTEGA AC, ROLDAN FR, DIERSSEN-SOTOS T. Prediction of 30-day cardiac-related-emergency-readmissions using simple administrative hospital data. *Int J Cardiol*. 2013 Apr 5;164(2):193-200. doi: 10.1016/j.ijcard.2011.06.119. Epub 2011 Jul 19. PubMed PMID: 21775001.

Highlights

Our group participates in two main projects: MCC-Spain and Cases and Controls in Pandemic Influenza Working Group.

MCC-Spain is a multicentre case-control study that has recruited about 10,000 patients among controls and cases of several types of cancer (breast, colorectal, gastric, and prostate cancers, and chronic lymphocytic leukemia). Inside MCC-Spain, this group is carrying out the project "Genetic variants and pathways related with breast and prostate cancer, and their interaction with exposure to endogenous and exogenous sexual hormones: MCC-Spain study" (PI: Javier Llorca), which is funded by Instituto de Salud Carlos III (PI12/00715). The group is member of the PRACTICAL consortium (Prostate Cancer Association Group to Investigate Cancer Associated Alterations in the Genome), which is being funded by NIH and European Union FP7.

The group collaborates with groups from CIBER of obesity and nutrition (CIBERO-BN), especially in the SUN project, and with groups from "Red de investigación en inflamación y enfermedades reumáticas" (RIER) on clinical epidemiology of rheumatic diseases, including rheumatoid arthritis, giant cell arteritis, ankylosing spondylitis, and others.

Three doctoral theses have been defended in 2013 on fibromyalgia treatment, acute brain damage, and inequalities in pregnancy control in immigrants.



PROGRAMME:

**Communic. Disease Surveillance,
 Prevention and Control**

Group 32

Group Members

STAFF MEMBERS

Gómez Barroso, Diana Belén

ASSOCIATED MEMBERS

Cano Portero, Rosa
 De Viarce Torres de Mier, María
 Delgado Sanz, M^a Concepción
 Díaz Franco, Asunción
 Díez Ruíz-Navarro, Mercedes
 Fernández-Cuenca Gómez, Rafael
 Herrera Guibert, Dionisio José
 Herrera León, Laura
 Jiménez Jorge, Silvia
 Larrauri Camara, Amparo
 Llacer Gil de Ramales, Alicia
 Martín de Pando, M^a Concepción
 Martínez de Aragón Esquivias, M^a Victoria
 Martínez Pino, Isabel
 Martínez Sánchez, Elena Vanessa
 Masa Calles, Joséfa
 Oliva Domínguez, Jesús Ángel
 Palmera Suárez, Rocio Del Pilar
 Rodríguez Valin, María Elena
 Sánchez Serrano, Luisa Pilar
 Sastre García, María
 Simón Soria, Fernando
 Varela Martínez, M^a del Carmen

Lead Researcher

De Mateo Ontañón, Salvador



Contact:

Centro Nacional de Epidemiología
 Campus Chamartín
 C/ Sinesio Delgado, 6 -pab. 12. 28029. Madrid · Phone: (+34) 91 822 26 09

Main lines of research

- Development of excellence networks for epidemiological surveillance at European level.
- Methodological research for health early warning.
- Evaluation of public health measures against vaccine preventable diseases.
- Spatio-temporal variability study of risk in acquiring and developing infectious diseases.
- Molecular methodology use for detection and control of epidemic outbreaks.
- Developing collaborative and interdisciplinary research in the field of disease surveillance, prevention and control.

Most relevant scientific articles

- GÓMEZ-BARROSO D, RODRÍGUEZ-VALÍN E, RAMIS R, CANO R. Spatio-temporal analysis of tuberculosis in Spain, 2008-2010. *Int J Tuberc Lung Dis.* 2013 Jun;17(6):745-51.
- JIMÉNEZ-JORGE S, DE MATEO S, DELGADO-SANZ C, POZO F, CASAS I, GARCÍA-CENOS M. Effectiveness of influenza vaccine against laboratory-confirmed influenza, in the late 2011-2012 season in Spain, among population targeted for vaccination. *BMC Infect Dis.* 2013 Sep 22;13:441.
- FERNÁNDEZ-DÁVILA P, FOLCH C, FERRER L, SORIANO R, DIEZ M, CASABONA J. Who are the men who have sex with men in Spain that have never been tested for HIV? *HIV Med.* 2013 Oct;14 Suppl 3:44-8.
- KISSLING E, VALENCIANO M, LARRAURI A, OROSZI B, COHEN JM, NUNES B ET AL.. Low and decreasing vaccine effectiveness against influenza A(H3) in 2011/12 among vaccination target groups in Europe: results from the I-MOVE multicentre case-control study. *Euro Surveill.* 2013 Jan 31;18(5).
- HADJICHRISTODOULOU C, MOUCHTOURI VA, GUGLIEMETTI P, LEMOS CM, NICHOLS G, PAUX T ET AL.. Actions for prevention and control of health threats related to maritime transport in European Union. *Travel Med Infect Dis.* 2013 Jul-Aug;11(4):238-42.

Highlights

During 2013 our group is involved in 12 research projects in different competitive research calls at national and international level. Two of these projects are financed by the Ministry of Health "Prevalence of HIV/Chlamydia trachomatis co-infection among clients of STI clinics" and "Risk behaviors for HIV infection in clients of sexually transmitted infections and HIV clinics". The international project "SHIPSAN ACT, studies the impact on maritime transport of health threats due to biological, chemical and radiological agents, including communicable diseases" the associated member from Spain belongs to the group 32. In the field of immunopreventable diseases the project "cycEVA: Case control study measuring A(H1N1) 2009 pandemic and seasonal influenza vaccine effectiveness in Spain within the project several European countries uses common European protocols, with the European network I-MOVE, to evaluate the influenza vaccine effectiveness seasonal or pandemic epidemic.

The Knowledge transfer products were "Revision of pertussis vaccination program in Spain". The study updates the situation of the pertussis vaccination program in Spain and the available evidence for the impact of the different vaccinations strategies on the epidemiology of pertussis. Other Knowledge transfer product was "Report on the estimates of influenza vaccine effectiveness in the 2012/13 seasons", a review of the scientific evidence of influenza vaccine effectiveness 2012-13, to support the WHO Selection Committee in the selection of the influenza strain to be included in the influenza vaccine of the following season. The report includes the results from 16 international studies of influenza vaccine effectiveness both in the north and south hemisphere.



PROGRAMME:

**Communic. Disease Surveillance,
 Prevention and Control**

Epidemiología, prevención y control de las enfermedades transmisibles.

Group Members

STAFF MEMBERS

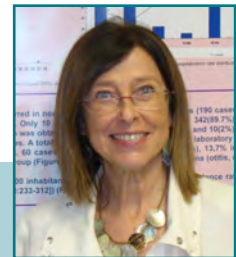
Broner, Sonia Judith
 Crespo Fernández, Inmaculada
 Soldevila Pidemunt, Nuria

ASSOCIATED MEMBERS

Batalla Clavell, Joan
 Borrás López, Eva
 Cardeñosa Marín, Nieves
 Godoy García, Pere
 Jansa López del Vallado, Josep M^a
 Muñoz García, Pilar
 Plans Rubio, Pedro
 Ruíz Mitjavila, Laura
 Salleras Sanmarti, Luis
 Torner Gracia, Nuria

Lead Researcher

Domínguez García, Ángela



Contact:

Hospital Clínico y Provincial de Barcelona
 Servicio de Medicina Nuclear.
 C/ Villarroel, 170. 08036 Barcelona
 Phone: (+34) 93 402 45 66
 E.mail: angela.dominguez@ub.edu

Main lines of research

- Preventable diseases of viral etiology (measles, mumps and rubella) or bacterial etiology (pertussis, pneumococcal disease, meningococcal disease).
- Epidemic outbreaks of communicable diseases.
- Influenza.
- Viral hepatitis.
- Effectiveness and efficiency of vaccination programs.

Most relevant scientific articles

- DOMÍNGUEZ A, GODOY P, CASTILLA J, SOLDEVILA N, TOLEDO D, ASTRAY J. Knowledge of and attitudes to influenza vaccination in healthy primary healthcare workers in Spain, 2011-2012. *PLoS One*. 2013;8(11):e81200.
- GODOY P, CAYLÀ JA, CARMONA G, CAMPS N, ÁLVAREZ J, RODÉS A. Immigrants do not transmit tuberculosis more than indigenous patients in Catalonia (Spain). *Tuberculosis (Edinb)*. 2013 Jul;93(4):456-60.
- GODOY P, CAYLÀ JA, CARMONA G, CAMPS N, ÁLVAREZ J, ALSÈDÀ M. Smoking in tuberculosis patients increases the risk of infection in their contacts. *Int J Tuberc Lung Dis*. 2013 Jun;17(6):771-6.
- DOMÍNGUEZ A, CASTILLA J, GODOY P, DELGADO-RODRÍGUEZ M, SAEZ M, SOLDEVILA N. Benefit of conjugate pneumococcal vaccination in preventing influenza hospitalization in children: a case-control study. *Pediatr Infect Dis J*. 2013 Apr;32(4):330-4.
- SALA-FARRÉ MR, BRONER S, MORENO A, ARIAS C, GODOY P, MINGUELL S. Cases Of Acute Gastroenteritis Due To Calicivirus In Outbreaks: Clinical Differences By Age And Etiologic Agent. *Clin Microbiol Infect*. 2013 Dec 30;.

Highlights

SCIENTIFIC PUBLICATIONS: 45 articles.

PROJECTS IN EXECUTION DURING 2013: 9 projects; 8 as a Principal Investigator and 1 as collaborators.

Projects with a PI member of the group:

- Efficiency of herpes zoster vaccination of immunocompetent persons aged > 50 years living in Catalonia.
- Epidemiology, prevention and control of communicable diseases.
- Technical work in Epidemiology of gastroenteritis of viral etiology in Catalonia.
- Prevalence of pertussis antibodies in umbilical cord samples in Catalonia.
- Effectiveness of 13-valent vaccine in the prevention of pneumococcal invasive disease in children. Case-control study. (European study).
- Effectiveness of influenza and pneumococcal 23-valent polysaccharide vaccination in people 65 years and older.
- Importance of adolescents and adults in the transmission of pertussis in households.
- Evaluation of the effectiveness of 13-valent pneumococcal vaccine in Catalonia.

Collaborators:

- Dynamic cohort of university students to the study of drug and other addictions.

THESIS COMPLETED:

- Virus as the cause in fecal-oral transmission outbreaks in Catalonia. Associated factors. (Director: Àngela Domínguez, PhDStudent: Ana Martínez) 21/11/2013.
- Cost effectiveness treatment in latent tuberculosis infection with isoniazid or rifampin. (Director: Àngela Domínguez, PhDStudent: Jose María Pina) 29/07/2013.

THESIS CURRENTLY SUPERVISED:

Inma Crespo, Pilar Ciruela, Lluís Urbiztondo, Irene Barrabeig, Ruben Solano and Jesús Pujols.

TRANSFER RESULTS:

- Skilled inform on the immunization schedule of the Generalitat of Catalonia and the administered vaccines to the child Alejandro González Peña. (Domínguez A.)
- Guide of acute respiratory disease associated with a new influenza virus type A (H7N9). (JM Jansà.)
- Guide of severe respiratory disease associated with Middle East Respiratory Syndrome Coronavirus (MERS-CoV). (JM Jansà.)
- Protocol to prevent and control rabies. (P. Godoy)
- Antimicrobial and Therapeutic Guide, 2013. (Borras E, Domínguez A.)

Group Members

STAFF MEMBERS

Echezarreta Olariaga, Nerea
 Tamayo Uria, Ibon

ASSOCIATED MEMBERS

Aldasoro Unamuno, Elena
 Altzibar Arotzena, Jone M
 Amiano Etxezarreta, Pilar
 Arriola Larrarte, Larraitz
 Basterrechea Irurzun, Mikel
 Goñi Irigoyen, J Fernando
 Ibarluzea Maurolagoitia, Jesús
 Larrañaga Larrañaga, Nerea
 Santa Marina Rodríguez, Loreto

Lead Researcher

Dorronsoro Iraeta, Miren

Contact:

Instituto Vasco de Investigaciones Sanitarias
 Phone: (+34) 945 019 201
 E.mail: m-dorronsoro@ej-gv.es

Main lines of research

The team of investigation has developed projects of investigation, generated inside the proper group or in collaboration with other national or international institutions, following principally two principal lines:

1. Epidemiology and control of chronic diseases
2. Epidemiology and prevention environmental diseases during childhood.

The lines of investigation spread and interact with programs of other groups. We takes part in colaborative national projects , that have been strategic projects -MMC-Spain and INMA- and cycEVA and international projects - EPIC-cancer, EPIC-Heart, INTERACT and LEAKAGE, MEDALL, HELIX - together with other CIBER groups.

Most relevant scientific articles

- HUERTA JM, CHIRLAQUE MD, TORMO MJ, GAVRILA D, ARRIOLA L, MORENO-IRIBAS C. Physical activity and risk of cerebrovascular disease in the European Prospective Investigation into Cancer and Nutrition-Spain study. *Stroke*. 2013 Jan;44(1):111-8.
- MACHÓN M, ARRIOLA L, LARRAÑAGA N, AMIANO P, MORENO-IRIBAS C, AGUDO A. Validity of self-reported prevalent cases of stroke and acute myocardial infarction in the Spanish cohort of the EPIC study. *J Epidemiol Community Health*. 2013 Jan;67(1):71-5.
- CASAS M, CHATZI L, CARSIN AE, AMIANO P, GUXENS M, KOGEVINAS M ET AL.. Maternal pre-pregnancy overweight and obesity, and child neuropsychological development: two Southern European birth cohort studies. *Int J Epidemiol*. 2013 Apr;42(2):506-17.
- ESPLUGUES A, ESTARLICH M, SUNYER J, FUENTES-LEONARTE V, BASTERRECHEA M, VRIJHEID M ET AL.. Prenatal exposure to cooking gas and respiratory health in infants is modified by tobacco smoke exposure and diet in the INMA birth cohort study. *Environ Health*. 2013 Dec 1;12:100.
- GASCON M, VERNER MA, GUXENS M, GRIMALT JO, FORNS J, IBARLUZEA J ET AL.. Evaluating the neurotoxic effects of lactational exposure to persistent organic pollutants (POPs) in Spanish children. *Neurotoxicology*. 2013 Jan;34:9-15.

Highlights

PI IN THE PROJECT:

- Characterization of the exposition to electromagnetic fields not ionizant radiation in children of the cohort INMA-Gipuzkoa. PI13/02187
- Life styles and genetic susceptibility as predictores of the risk of cancer and of the prognosis and the survival in the cohort. EPIC of Spain. PI13/02509
- BIO12/AL/005: Factivity study of a registryd of Alzheimer disease and other cognitive disorders in Gipuzkoa

COLLABORATION IN THE PROJECTS:

- PI12/01416: Industrial contamination and incidence of the cancer of children in Spain
- PI12/00002: Diet paterns, antioxidants and biomarkers of the oxidant-antioxidant status in EPIC-Granada and EPIC-Gipuzkoa cohorts
- PI12/01890: Exposition to emergent pollutants and effects in infantile obesity and metabolic disruption.
- Impact of the risk factors established in the breast cancer in Spain. New risk factors and his potential implication in our country. Study MCC-Spain
- Blood-based cancer detection: Development of an economical, sensitive and rapid paper-based device to detect cell free nucleic acids. PIE13/00048
- "cycEVA: Study of cases and control panel to measure the effectiveness of the anti-flu seasonal and pandemic vaccine in Spain ". (GR09/0017).
- Evaluation of the impact in the health (EIS) of two areas of intervention - regeneration of the bay of Pasaia. (Exp.: 20111051).
- Phase follow up of the children INMA-Gipuzkoa, at age 8: neuropsychologic development and disorders of the infancy (TDAH, conduct), obesity and asthma. (Exp: 2013111089)

Organization of " 11th SCIENTIFIC MEETING, INMA 2013 ". On November 14 and 15, 2013. Building Carlos Santamaría. University of the Basque Country -Campus Ibaeta. Donostia-San Sebastian Sebastian

International collaboration in studies evaluation of health results in oncologic patients (EUROCARE, CONCORDE)

Collaboration in the creation of the Spanish Network of Population Cancer Registry (REDECAN).



PROGRAMME:

**Communic. Disease Surveillance,
 Prevention and Control**

Centro Nacional de Microbiología

Group Members

STAFF MEMBERS

Vázquez Moron, María Sonia

ASSOCIATED MEMBERS

Barcena Panero, Ana

Castellanos Nadal, Ana

Guisasola Gorriti, María Eulalia

Mosquera Gutiérrez, María del Mar

Ory Manchon, Fernando De

Sanz Moreno, Juan Carlos

Lead Researcher

Echevarría Mayo, Juan Emilio



Contact:

Centro Nacional de Microbiología

Campus Majadahonda

Ctra.Majadahonda-Pozuelo km 2.200. 28220 Madrid

Phone: (+34) 91 822 36 76

E.mail: jeecheva@isciii.es

Main lines of research

- Vaccine preventable diseases.

The group of the National Center of Microbiology is the national reference laboratory for measles and rubella as recognized in the corresponding national plans for elimination and accredited by the WHO. Moreover, diagnostic techniques for other vaccine preventable diseases (mumps, pertussis or chickenpox) were studied in the context of specific programs of microbiological surveillance. Additionally to this official activity, the group currently keeps research activity in the following aspects:

- Development and evaluation of diagnostic methodologies for measles virus (MeV, mumps virus MuV) and Rubella virus (RuV), and Bordetella pertussis.
- Sero-epidemiology of MeV, RV and MuV.
- Molecular epidemiology of MeV, MuV and RV.
- Sero-epidemiology of pertussis.
- Sero-epidemiology of influenza.

- Rabies and another bat-associated viruses.

The group of the National Center of Microbiology is officially recognized as national reference laboratory for several zoonoses, including rabies in humans and suspected animals. Additionally to this official activity, the group currently keeps research activity in the following aspects.

- Development and evaluation of diagnostic methodologies for rabies.
- Molecular Epidemiology of canine rabies in Ceuta and Melilla.
- Epidemiology and pathogenesis of bat rabies.
- Search of new potentially emergent viruses in bats.
- Efficiency of rabies vaccines.
- Neurological Diseases of viral etiology. Etiology of meningitis and encephalitis in Spain.
- Polyomavirus disease in the immune-compromised.

Most relevant scientific articles

- ARÉCHIGA CEBALLOS N, VÁZQUEZ MORÓN S, BERCIANO JM, NICOLÁS O, AZNAR LÓPEZ C, JUSTE J. Novel lyssavirus in bat, Spain. *Emerg Infect Dis*. 2013 May;19(5):793-5.
- AZNAR-LÓPEZ C, VÁZQUEZ-MORON S, MARSTON DA, JUSTE J, IBÁÑEZ C, BERCIANO JM ET AL.. Detection of rhabdovirus viral RNA in oropharyngeal swabs and ectoparasites of Spanish bats. *J Gen Virol*. 2013 Jan;94(Pt 1):69-75.
- DE ORY F, AVELLÓN A, ECHEVARRÍA JE, SÁNCHEZ-SECO MP, TRALLERO G, CABRERIZO M. Viral infections of the central nervous system in Spain: a prospective study. *J Med Virol*. 2013 Mar;85(3):554-62.
- ERIKSEN J, DAVIDKIN I, KAFATOS G, ANDREWS N, BARBARA C, COHEN D. Seroepidemiology of mumps in Europe (1996-2008): why do outbreaks occur in highly vaccinated populations? *Epidemiol Infect*. 2013 Mar;141(3):651-66.
- SCHATZ J, FOOKS AR, McELHINNEY L, HORTON D, ECHEVARRIA J, VÁZQUEZ-MORON S ET AL.. Bat rabies surveillance in Europe. *Zoonoses Public Health*. 2013 Feb;60(1):22-34.

Highlights

During year 2013, the group started to work in a collaborative project funded by the special program for health research of the Spanish government, about measles, mumps and rubella. This has been done under the subprogram of vaccine preventable diseases. The program of transmissible diseases has agreed to dedicate the activity of a contracted researcher specifically to the development of this particular project. In fact, a first publication about mumps has been already published as a result of this work complementing the international study about mumps sero-epidemiology published in 2013. Moreover, the group has participated in collaborative studies about pertussis in the frame of projects leaded by other groups of the program. Several relevant studies about rabies have been published during 2013. New rhabdoviruses, one of them a lyssavirus, are described in Spain in two of them. The group also participated on reviews about surveillance of rabies in Europe together with the most relevant groups in the Continent. It has also participated in the revision of the current protocols for rabies prevention in domestic animals and for actuation on animal bites. This revision has been made as a result of the epidemiological alert of imported rabies in June. These studies has been complemented with other on the etiology of viral meningitis and encephalitis in Spain in the frame of another project finished the year before. Finally, a collaborative publication on flu has been published as a part of past CIBER projects .

Group Members

STAFF MEMBERS

Iglesias Gaspar, María Teresa

ASSOCIATED MEMBERS

Ansuategui Cengotitabarena, Eukene
Aranegui Lasuen, Pedro
Artetxe Ocasar, José María
Martínez Galarza, Amaya
Ojembarrena Martínez, Enrique
Pijoán Zubizarreta, José Ignacio
Urreta Barallobre, Iratxe
Zaballa Iñiguez, Manuel
Zubeldia Caminos, Javier

Most relevant scientific articles

Lead Researcher

Emparanza Knörr, José Ignacio

Contact:

Fundación Vasca de Innovación e
Investigación Sanitarios. Sondika. Vizcaya
Phone: (+34) 94 300 71 47
E.mail: joseignacio.emparanza@osakidetza.net

Main lines of research

- Evidence Based Medicine.
 - Diagnosis.
 - Clinical prediction rules.
 - Effectiveness and efficiency (RCT and SR).
-
- ABRIRA V, MURIEL A, EMPARANZA JI, PIJOAN JI, ROYUELA A, PLANA MN. Reporting quality of survival analyses in medical journals still needs improvement. A minimal requirements proposal. *J Clin Epidemiol.* 2013 Dec;66(12):1340-6.e5.
 - ETXEBERRIA A, PÉREZ I, ALCORTA I, EMPARANZA JI, RUÍZ DE VELASCO E, IGLESIAS M, OROZCO-BELTRAN D, ROTAECHE R. The CLUES study: a cluster randomized clinical trial for the evaluation of cardiovascular guideline implementation in primary care *BMC Health Serv. Res.* 2013;13.
 - CABELLO JB, BURLS A, EMPARANZA JI, BAYLISS S, QUINN T. Oxygen therapy for acute myocardial infarction. *Cochrane Database Syst Rev.* 2013;.
 - CABELLO JB, EMPARANZA JI, BURLS AJ. Clinical teaching in the 21st Century-the curriculum for evidence-based practice *Med Clin.* 2013;.
 - ZABALETA J, AGUINAGALDE B, IZQUIERDO JM, MENDOZA M, BASTERRECHEA F, MARTÍN-ARRUTI M, LOBO C, EMPARANZA JI.. Determination of a low risk group for having metastatic nodules not detected by computed tomography scan in lung metastases surgery *Arch Bronconeumol.* 2013;.

Highlights

During 2013 we have worked in MAPAC (Improving the appropriateness of health care and clinical processes) projects and boosting the MAPAC committee and the committee of Innovation in our center.

Within MAPAC projects we have participated in the project on Abdominal Aortic Aneurysm (funded ISCIII) and the project on blood derivatives transfusion (Funded by the Department of Health of the Basque Government).

Within the MAPAC committee, we evaluated nearly 300 health care practices versus the "do-not-do" NICE benchmark, and we have conducted a survey to elicit those practices that should be evaluated in our center. Later we will proceed to prioritizing them.

For the Innovation committee, we have established a rapid method for assessing proposal for incorporation of technologies.



PROGRAMME:
**Health Service
 Evaluation**

Group 15

Group Members

STAFF MEMBERS

López Aguilà, Silvia
 Marinelli, Marcella

ASSOCIATED MEMBERS

Abilleira Castells, Sonia
 Adam Bernad, Paula
 Almazan Saez, Caridad
 De Sola-Morales, Oriol
 Estrada Sabadell, María Dolores
 Gallofre López, Miquel
 Guillamón Chale, Imma
 Kotzeva, Anna
 Moharra Francés, Montserrat
 Paladio Durán, Nuria
 Parada Martínez, Antonio
 Pons Rafols, Joan Mv
 Rajmil Rajmil, Luis Alberto
 Salvat Plana, Merce
 Serra Sutton, Victoria
 Solans Domenech, Maite

CONTRIBUTORS

Martí Coma, Magda

Lead Researcher

Espallargues Carreras, Mireia



Contact:

Agència d'Informació, Avaluació i Qualitat en Salut
 Roc Boronat 81-95, 2^a Planta. Barcelona

Phone: (+34) 93 551 39 25

E.mail: mespallargues@gencat.cat · Website: <http://aquas.gencat.cat>

Main lines of research

The 3 major lines of research evaluation are:

HEALTH TECHNOLOGY ASSESSMENT (HTA)

To evaluate the efficacy, safety, effectiveness, efficiency, appropriateness and economic implications, organizational, legal, ethical and social issues of medical technologies, whether preventive, diagnostic, therapeutic, rehabilitative, organizational, etc. primarily through the review and synthesis of scientific knowledge (published data).

The technologies that most often are subject to evaluation:

- Pharmaceuticals
- Medical devices and procedures
- Diagnostic Techniques
- Information and Communication Technologies (ICT) for health

QUALITY OF HEALTHCARE ASSESSMENT

Evaluation of the safety, effectiveness and efficiency of health interventions and development of instruments for measuring and for improving the quality of health care to improve access, utilization and appropriateness of health services by unpublished data (primary or secondary).

Sub-lines of research:

- Quality Measures: Development and adaptation of indicators, instruments and measurement techniques of processes and outcomes of care.
- Development and adaptation of instruments for measuring Health Related Quality of Life (HRQL) and Patient Reported Outcomes (PROM).
- Development of improvement strategies through tools / interventions to support clinical practice and health management to promote and ensure equity in access to and utilization of health services.
- Clinical effectiveness: designing strategies for monitoring quality in the provision of healthcare services by means of studies on medical practice variations, effectiveness, safety and efficiency of clinical practice.

ASSESSMENT OF THE SOCIAL IMPACT OF CLINICAL AND HEALTH SERVICES RESEARCH

Ex-post assessment of extramural research (projects, groups, centres, programs or plans), ie, research return to society by:

- The impact or return (primary, secondary and final) of the research carried out in a given area.
- Investment and outcomes (knowledge, publications, patent, applications, training of human resources, benefits for clinical practice and for health) of research in health sciences.

Most relevant scientific articles

- RAJMIL L, LÓPEZ AR, LÓPEZ-AGUILA S, ALONSO J. Parent-child agreement on health-related quality of life (HRQOL): a longitudinal study. *Health Qual Life Outcomes*. 2013 Jun 20;11(1):101.
- Serra-Sutton V, Serrano CB, Carreras ME. Quality indicators to assess a colorectal cancer prevention program. *Int J Technol Assess Health Care*. 2013 Apr;29(2):166-73.
- Solans-Domènech M, Adam P, Guillamón I, Permanyer-Miralda G, Pons JM, Escarrabill J. Impact of clinical and health services research projects on decision-making: a qualitative study. *Health Res Policy Syst*. 2013 May 10;11:15.
- TEBÉ CORDOMÍ C, DEL RÍO LM, DI GREGORIO S, CASAS L, ESTRADA MD, KOTZEVA A. Validation of the FRAX predictive model for major osteoporotic fracture in a historical cohort of Spanish women. *J Clin Densitom*. 2013 Apr-Jun;16(2):231-7.
- SOLANS-DOMÈNECH M, ADAM P, TEBÉ C, ESPALLARGUES M. Developing a universal tool for the prioritization of patients waiting for elective surgery. *Health Policy*. 2013 Nov;113(1-2):118-26.

Highlights

Group 15 has relevant national and international projects related to the assessment of health (and eHealth) technology, healthcare quality and social impact research. Specifically in: a) Comparative effectiveness research in health care models for patients with chronic diseases with special emphasis on integrated care, alternatives to hospitalization and telemedicine/mHealth; b) Analyses of medical practice variations in healthcare procedures and interventions; c) Healthcare registries and risk-adjustment analysis for interventions effectiveness; d) Translation of evidence into clinical practice guidelines with development of recommendations, algorithms and indicators for implementation assessment; e) Predictive models for risk-stratification for specific conditions; and f) Development and validation of patient reported outcomes and patient classification systems. Also, Group 15 is leading diverse projects related to health information and knowledge about the health care system to contribute to improve transparency and accountability on the results of the health system.

Along 2013 Group 15 has participated in more than 10 public-competitive research projects in these areas of expertise (8 at international level), in the majority of them being either IP of the project or of one WP. European projects:

- DECIPHER: First European PCP project in the area of mHealth (Role: coordinator and leader of the Evaluation WP)
- EpSOS (Role: leader of the Evaluation WP)
- Renewing Health (Role: leader of the evaluation of the pilot in Catalonia)
- United4Health (Role: task leader of the Evaluation WP)
- INSPIRE (Role: leader of the Dissemination WP)
- ENIGMA (Role: leader of PCP Deliverables Guidance, Monitoring and Evaluation)
- PEGASO (Role: leader of the overall system trial definition and analysis of results WP)
- DAYSAFE (Role: collaborating partner in 3 WP)

During the same period, researchers have published more than 50 papers in international and national peer-reviewed journals and elaborated numerous transfer products, including clinical practice guidelines, evaluation and policy reports, white papers, web-based observatories, clinical indicators and decision-aids tools.



PROGRAMME:

Ep. and Prev. Environmental
 and Occupational Diseases

Group 22 Genómica y Enfermedad

Group Members

STAFF MEMBERS

Escaramís Babiano, Geòrgia

ASSOCIATED MEMBERS

Arribas Jorba, Carles
 Bañez Coronel, Mónica
 Docampo Martínez, Elisa
 Flames Bonilla, Nuria
 Iraola Guzmán, Susana
 Kagerbauer, Birgit
 Martí Puig, Eulalia
 Miñones Moyano, Elena
 Montfort Roca, Magda
 Morell Oriol, Marta
 Pantano Rubiño, Lorena
 Puig Sola, Anna
 Rabionet Janssen, Raquel
 Saus Martínez, Ester
 Villatoro Gómez, Sergio

CONTRIBUTORS

Carbonell García, Rut
 Ponisch, Stefan

Lead Researcher

Estivill Palleja, Xavier



Contact:

Centro de Regulación Genómica
 Dr. Aiguader, 88, 5ª planta. 08003 Barcelona
 Phone: (+34) 93 316 01 00
 E.mail: xavier.estivill@crg.eu
 Website: http://pasteur.crg.es/portal/page/portal/Internet/02_Research/01_Programmes/01_Bioinformatics_Genomics/02_Genomics_and_Disease

Main lines of research

- Structural variations, environment and disease.
- Genetic variants responsible for psychiatric disorders susceptibility.
- Small non-coding RNAs in neurological-neurodegenerative disorders.

Most relevant scientific articles

- BASSAGANYAS L, BEÀ S, ESCARAMÍS G, TORNADOR C, SALAVERRIA I, ZAPATA L. Sporadic and reversible chromothripsis in chronic lymphocytic leukemia revealed by longitudinal genomic analysis. *Leukemia*. 2013 Dec;27(12):2376-9.
- 'T HOEN PA, FRIEDLÄNDER MR, ALMLÖF J, SAMMETH M, PULYAKHINA I, ANVAR SY. Reproducibility of high-throughput mRNA and small RNA sequencing across laboratories. *Nat Biotechnol*. 2013 Nov;31(11):1015-22.
- LAPPALAINEN T, SAMMETH M, FRIEDLÄNDER MR, 'T HOEN PA, MONLONG J, RIVAS MA. Transcriptome and genome sequencing uncovers functional variation in humans. *Nature*. 2013 Sep 26;501(7468):506-11.
- ESCARAMÍS G, TORNADOR C, BASSAGANYAS L, RABIONET R, TUBIO JM, MARTÍNEZ-FUNDICHELY A. PeSV-Fisher: identification of somatic and non-somatic structural variants using next generation sequencing data. *PLoS One*. 2013;8(5):e63377.
- TRUJILLANO D, RAMOS MD, GONZÁLEZ J, TORNADOR C, SOTILLO F, ESCARAMÍS G. Next generation diagnostics of cystic fibrosis and CFTR-related disorders by targeted multiplex high-coverage resequencing of CFTR. *J Med Genet*. 2013 Jul;50(7):455-62.

Highlights

We have performed a deep characterization of one case of chromothripsis by carrying out a longitudinal analysis of structural variations and point mutations over a period of eleven years of disease evolution, including the analysis of pre-treatment samples, post-treatment and relapsed samples (Bassaganyas et al. *Leukemia*, 2013; Escaramís et al. *PLoS One*, 2013). We have identified association of a specific CNV with adverse reproductive outcomes and with fibromyalgia (Docampo et al. *PLoS One*, 2013; Rodriguez-Reventa et al. *Gene*, 2013). We have identified a common 45-kb deletion that affects BTNL8 and BTNL3, and leads to downregulation of BTNL9 (Aigner et al. *BMC Genet*, 2013).

We have participated in more than 10 GWAS meta-analyses (Bradfield et al. *Nat Genet*, 2012; Horikoshi et al. *Nat Genet*, 2013). The group has developed activities in the study of psychiatric disorders (Real et al. *Pharmacogenomics J*, 2013; Alonso et al. *J Anxiety Disord*, 2013). The group has implemented whole-exome and targeted sequencing as a diagnostic tool in the clinical setting (Trujillano et al. *Eur J Hum Genet*, 2013; Trujillano et al. *J Med Genet*, 2013; Ramos M et al. *Clin Genet*, 2013).

We have characterized small non-coding RNAs (sncRNAs), in brain samples from individuals at different evolutionary stages of Parkinson's disease and control age-matched individuals (Llorens et al. *BMC Genomics*, 2013; Miñones-Moyano et al. *RNA Biol*, 2013); and have contributed to a large international effort to evaluate profiles of RNA in cell lines from individuals that are part of the 1000 genome sequencing project (Lappalainen et al. *Nature*, 2013; 't Hoen Pet al. *Nat Biotechnol*, 2013). The group is evaluating the role of small CAG and CGG repeated RNA (sCAG and sCGG) in generating toxic effects in neurons in Huntington's disease and fragile X-associated tremor ataxia syndrome (Mateu et al. *Neurobiol Dis*, in press).



PROGRAMME:
Clinical Epidemiology

Unidad de Epidemiología del Servicio de Cardiología del Hospital Vall d'Hebron

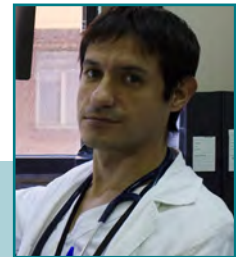
Group Members

STAFF MEMBERS
Ribera Solé, Aida

ASSOCIATED MEMBERS
Cascant Castello, Purificació
Marsal Mora, Josep Ramon
Permanyer Miralda, Gaieta

Lead Researcher

Ferreira González, Ignacio



Contact:

Hospital Vall d'Hebron
Passeig Vall d'Hebron, 119-129. 08035 Barcelona
Phone: (+34) 93 274 61 77
E.mail: nacho@ferreiragonzalez.com
Website: uesca.net

Main lines of research

- The Epidemiology Unit is devoted primarily to outcomes evaluation and effectiveness evaluation in cardiovascular interventions.

Most relevant scientific articles

- DOS L, PUJADAS S, ESTRUCH M, MAS A, FERREIRA-GONZÁLEZ I, PIJUAN A. Eplerenone in systemic right ventricle: double blind randomized clinical trial. The evedes study. *Int J Cardiol.* 2013 Oct 15;168(6):5167-73.
- CANDELL-RIERA J, FERREIRA-GONZÁLEZ I, MARSAL JR, AGUADÉ-BRUIX S, CUBERAS-BORRÓS G, PUJOL P. Usefulness of exercise test and myocardial perfusion-gated single photon emission computed tomography to improve the prediction of major events. *Circ Cardiovasc Imaging.* 2013 Jul;6(4):531-41.
- ROMERO-FARINA G, CANDELL-RIERA J, AGUADÉ-BRUIX S, CUBERAS-BORRÓS G, FERREIRA-GONZÁLEZ I, NAZARENA PIZZI M. Predictive variables for hard cardiac events and coronary revascularization in patients with normal left ventricular myocardial perfusion and systolic function. *Eur J Nucl Med Mol Imaging.* 2013 Aug;40(8):1181-9.
- DOMÍNGUEZ-RODRÍGUEZ A, ABREU-GONZÁLEZ P, AVANZAS P, FERREIRA-GONZÁLEZ I. Are prostate-specific antigen levels predictors of acute coronary syndrome or atrial fibrillation? *Int J Cardiol.* 2013 May 25;165(3):550.
- RIBERA A, FERREIRA-GONZÁLEZ I, DEL BLANCO BG, MARSAL JR, CASCANT P, MARTÍ G. Drug-eluting stents for off-label indications in real clinical world: evidence based or 'intuition' based clinical practice? *Int J Cardiol.* 2013 Mar 20;164(1):116-22.

Highlights

Consistent research lines along time, as mentioned in a previous paragraph (outcomes evaluation and effectiveness evaluation in cardiovascular interventions), have been prominent feature of our Unit. Therefore, the action that we take as the most relevant for 2013 has been to be able to develop and carry out a project such as the TEVAS(FIS: PI10/369) study, which 1) Represents a combination of the two mentioned research lines into a single project; the choice of this project, on the other hand, represents an issue of the utmost relevance for the present times (a cost/effectiveness evaluation of a therapeutic innovation such as the percutaneous aortic valve replacement); and 2) Represents an endeavor towards multidisciplinary work, as it implies the coordination within the research group of clinical cardiologists, interventional cardiologists and cardiac surgeons, in addition to other professionals, such as neurologists, psychologists, economists and nurses from several centers and institutions.

On the other hand, the activity of the Unit has widened, within the mentioned research lines, to the design of a study using large databases (FIS PI13/00399 (2014 -16). This represents a contribution, new in our area, to an endeavor for merging databases from different health institutions. The Unit evolution towards multidisciplinary activity has evolved in 2013 into the cooperation with different Spanish Internal Medicine and Infectious diseases Services in a project aiming at the development of a risk score in patients with infective endocarditis undergoing surgical valve replacement.

The three mentioned activities show the way how our Unit has undergone a qualitative growth during 2013.



PROGRAMME:
**Social Determinants
 of Health**

**Epidemiología y políticas de salud sobre consumo de drogas,
 comportamientos sexuales y otras conductas, infección por VIH
 y problemas de salud en poblaciones socialmente vulnerables**

Group Members

STAFF MEMBERS

Pulido Manzanero, José

ASSOCIATED MEMBERS

Belza Egozcue, María José

Bravo Portela, María José

Espelt Hernández, Albert

Fernández Balbuena, Sonia

Hoyos Miller, Juan

Molist Seña, Gemma

Otero García, Laura

Regidor Poyatos, Enrique

Rosales Statkus, María Elena

Sanz, Belén

Sordo Del Castillo, Luis

Vallejo Ruíz de Leon, Fernando

CONTRIBUTORS

Ruíz García, Mónica

Lead Researcher

De la Fuente de Hoz, Luis

Contact:

Centro Nacional de Epidemiología

Campus Chamartín

C/ Sinesio Delgado, 6 - pabellón 12. 28029. Madrid

Phone: (+34) 91 433 32 46

Main lines of research

- Epidemiology and patterns of drug consumption and associated health problems, with especial attention to infectious diseases, psychiatric comorbidities, injuries and excessive mortality.
- Epidemiology of sexual risk behaviours and associated infections, especially the development of HIV diagnosis policies to promote the control of the epidemic and decrease delayed diagnosis.
- Study of the social determinants of behaviours, health related problems and mortality with especial attention to the socioeconomic position both contextual and individual.
- Impact of social, economic and health policies on health inequalities and the mortality risk by cause of death, with especial attention to the most socially vulnerable groups (migrants, drug consumers, sex workers etc.)

Most relevant scientific articles

- PULIDO J, MOLIST G, DOMINGO-SALVANY A, BRUGAL MT, SÁNCHEZ-NIUBO A, BARRIO G, DE LA FUENTE L, ITINERE INVESTIGATORS. Predictors of change in cocaine use in a street-recruited cohort of young cocaine users. *Addiction*, [Epub ahead of print]
- REGIDOR E, BARRIO G, BRAVO MJ, DE LA FUENTE L. Has health in Spain been declining since the economic crisis?. *J Epidemiol Community Health*. 2014; 68:280-2.
- BARRIO G, BRAVO MJ, BRUGAL MT, DIEZ M, REGIDOR E, BELZA MJ, DE LA FUENTE L, ITINERE PROJECT GROUP. Harm reduction interventions for drug injectors or heroin users in Spain: expanding coverage as the storm abates. *Addiction*. 2012; 107:1111-22.
- BRAVO MJ, ROYUELA L, DE LA FUENTE L, BRUGAL MT, BARRIO G, DOMINGO-SALVANY A. Use of supervised injection facilities and injection risk behaviours among young drug injectors. *Addiction*. 2009; 104:614-9.
- DE LA FUENTE L, DELGADO J, HOYOS J, BELZA MJ, ÁLVAREZ J, GUTIERREZ J, NEIRA-LEÓN M, SUAREZ M. Increasing early diagnosis of HIV through rapid testing in street outreach program in Spain. *AIDS Patient Care STDS*. 2009; 23:625-9.

Highlights

In the international context, our group has been participating in projects integrated in the Seventh EU Framework Programme for Research and Innovation, a Joint Action and an Action Cost as well as projects of the Consumers, Health and Food executive Agency and national Institutes of Health (USA). We have been hired by the European Monitoring Center for Drugs and Drug Addiction (EMCDDA) and the European Centre for Disease Control and Prevention (ECDC) for the assessment and analysis of their epidemiological information.

In Spain, we have led several research projects of the Health Strategic Action, of the State Research, development and innovation Programme oriented to Society Challenges (2013-2016) and its previous versions, research projects-contracts of national public organisms (The Drug National Plan, The Ministry of health, The woman institute, General Traffic Directorate, etc.), public-private (Spanish Foundation for the Research on HIV(FIPSE)) and exclusively private (Mutua Madrileña, Spanish Association for the Fight against Cancer, Health Sciences Foundation etc.), among which the projects related to the Itinere cohort should be highlighted. We contribute to the training of new researchers by receiving resident physicians, pre and post doc contracts etc.

We have been applying our experience and the findings of our epidemiology and public health research participating as experts in both international (EMCDDA) and national organisms (DGT, national and regional HIV and drug plans), for the development of methodological tools for data collection and for the training of professionals in this field. We have translated our experience, training and research results to the design of epidemiological data collection systems both national and regional (National health survey, The Spanish House-based survey on alcohol and drugs, State based survey on drug use in secondary education, Evolution of the health indicators in Spain, etc) as well as the national and regional prevention and assistential plans and guides.



PROGRAMME:
**Health Service
 Evaluation**

Centro de Investigación en Salud Laboral (CISAL)

Group Members

STAFF MEMBERS

López Gómez, María Andree
 López Ruíz, María
 Ubalde López, Mónica

ASSOCIATED MEMBERS

Boix i Ferrando, Pere
 Delclos Clanchet, Jordi
 Duran Jordà, Xavier
 García García, Ana María
 Gimeno Ruíz de Porras, David
 Hernández Buxeres, Cristina
 José María, Ramada Rodilla
 Martínez Martínez, José Miguel
 Ronda Pérez, Elena
 Serra Pujadas, Consol
 Vargas Prada Figueroa, Sergio

CONTRIBUTORS

Garrido Salmerón, Sandra
 Gual Llorens, Clara Carmen

Lead Researcher

García Benavides, Fernando



Contact:

Dep. de Ciències Experimental i de la Salut (CEXS)
 Universitat Pompeu Fabra
 C/ Dr. Aiguader 88 1º planta. 08003 Barcelona · Phone: (+34) 93 318 08 76
 E.mail: salutlaboral@upf.edu · Website: <http://www.upf.edu/cisal/>

Main lines of research

• OCCUPATIONAL HEALTH PROBLEMS

In addition to work-related illnesses and workplace injuries, we are also interested in studying sickness absence, whether temporary or permanent, especially due to musculoskeletal and mental disorders, and the prognosis (duration) to return to work.

• OCCUPATIONAL SAFETY AND HEALTH POLICIES

The development of the Labour Risk Prevention Law (1995), through the Labour risk prevention management and the implementation of the Planes de Actuación Preferente (Priority Action Plans), developed by most of the Spanish Autonomous Communities in 2000, has managed to provide the development of most resources devoted to occupational health in the country. The CISAL is contributing to assess the quality of such policies and to evaluate their effectiveness.

• OCCUPATIONAL HEALTH INFORMATION SYSTEMS

The targets of the CISAL are to have better information, of higher quality and organized so that it can be used appropriately. Whom develop projects of methodological character to improve the utility of the Work and Health Conditions Surveys, as well as the creation of a useful employment-exposition matrix for the investigation of new risks and the labour risk prevention management.

Most relevant scientific articles

- **OCCUPATIONAL HEALTH INEQUALITIES**
The existence of the highest rates of temporary employment in the European Union, as an indicator of precariousness, and the incorporation of a large number of workers born in countries outside the EU in the last 15 years, are research priorities at CISAL, in order to provide the best information available to help adopt more effective policies to protect the health of these workers.
- COGGON D, NTANI G, PALMER KT, FELLI VE, HARARI R, BARRERO LH. Disabling musculoskeletal pain in working populations: is it the job, the person, or the culture? *Pain*. 2013 Jun;154(6):856-63.
- GARCÍA AM, GONZÁLEZ-GALARZO MC, KAUPPINEN T, DELCLOS GL, BENAVIDES FG. A job-exposure matrix for research and surveillance of occupational health and safety in Spanish workers: *MatEmESp.Am J Ind Med*. 2013 Oct;56(10):1226-38.
- DURAN X, MARTÍNEZ JM, BENAVIDES FG. Occupational factors associated with the potential years of working life lost due to a non-work related permanent disability. *Work*. 2013;45(3):305-9.
- AGUDELO-SUÁREZ AA, RONDA E, VÁZQUEZ-NAVARRETE ML, GARCÍA AM, MARTÍNEZ JM, BENAVIDES FG. Impact of economic crisis on mental health of migrant workers: what happened with migrants who came to Spain to work? *Int J Public Health*. 2013 Aug;58(4):627-31.
- UBALDE-LÓPEZ M, DELCLOS GL, CALVO E, BENAVIDES FG. Influence of new secondary diagnoses on the duration of non-work-related sickness absence episodes. *J Occup Environ Med*. 2013 Apr;55(4):460-4.

Highlights

The CISAL is recognized as a research group of the Universitat Pompeu Fabra (since 1998) and the Agencia de Gestión de Ayudas Universitarias y de Investigación (AGAUR, Generalitat de Catalunya) (since 2002) as well as a consolidated group of CIBERESP by the Instituto de Salud Carlos III (since 2008), and is affiliated with the el Instituto hospital del Mar d' Investigacions Mèdiques IMIM Parc de Salut MAR (from 2014).

CiSAL's objective is to study occupational health issues of important implications for employees, businesses and governments that are particularly relevant for Social Welfare Systems. CiSAL's research focuses on a range of contemporary work related health problems including musculoskeletal disorders; workplace injuries; prevention programs; and the determinants of sickness absence and temporary/permanent disability. Our studies also exanimate working conditions and their respective impact on health, emphasizing certain groups of especial interest due their particular vulnerability and targeting ageing population, women, migrants and precarious employment.

CiSAL has been involved in numerous Research Projects, including: the Central American Survey of Working Conditions and Health (ECCTS); Cultural and Psychosocial influences on Disability (CUPID); Participatory Ergonomics (ERGOPAR); Immigration, Work and Health (ITSAL) II; Continuous Working Lives Cohort (MCVL), related to labour disability; Spanish Job Exposure Matrix (MatEmESp) and the EU funded E-Capacit8 project. During 2013, the result of this activity has generated 23 articles published in scientific journals, 55 books or book chapters, 4 reports, produced 4 doctoral thesis, 9 master's thesis, and participated in various national and international conferences.



PROGRAMME:

**Epidemiology and Prevention
 of Chronic Diseases**

Epidemiología, Salud Pública y Evaluación de Servicios de Salud

Group Members

STAFF MEMBERS

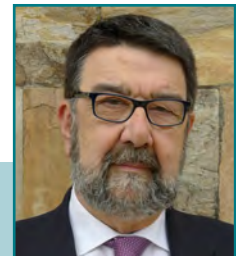
Piñeiro Lamas, María

ASSOCIATED MEMBERS

Barros Dios, Juan Miguel
 Caamaño Isorna, Francisco
 Figueiras Guzmán, Adolfo
 Montes Martínez, Agustin
 Pérez Ríos, Mónica
 Ruano Raviña, Alberto
 Saulyte, Jurgita
 Smyth Chamosa, Ernesto
 Takkouche Souilamas, El Bahi
 Taracido Trunk, Margarita

Lead Researcher

Gestal Otero, Juan Jesús



Contact:

Medicina Preventiva y Salud Pública
 FACULTAD DE MEDICINA
 San Francisco, s/n. 15782 Santiago de Compostela
 Phone: (+34) 98 195 09 01 · E.mail: mrsec@usc.es
 Website: <http://www.usc.es/gl/departamentos/psrasapug/index.html>

Main lines of research

- **BANAL DISEASES.** This research line aims to analyze the role of environmental (psychological, nutritional, behavioral) and genetic exposure factors, as well as the interaction of both the increased risk of disease or very frequent symptoms, without extreme gravity but with high impact on quality of life and economy. Among these pathologies are the common cold, aphthous stomatitis, headaches, allergic rhinitis, dysmenorrhea and premenstrual syndrome. The objective in the next years is to study the determinant of the most common symptom: pain.
- **CANCER EPIDEMIOLOGY.** Our group has made significant progress in the cancer epidemiology in recent years, especially in cancers related to environmental factors. Within this area we intend to determine whether exposure to residential radon influences other cancers apart from lung cancer and on the biological mechanisms through what the residential radon can cause lung cancer. We intend to go deeper and broader in the national multicenter study LCRINS (Lung Cancer Risk in Never Smokers) and to maximize the services of the Radon Laboratory of Galicia, the only residential radon laboratory recognized by the Nuclear Safety Council of northwest of Spain.
- **PHARMACOEPIDEMOLOGY** research line has identified important determinants for prescribing, dispensing, and reporting of adverse drug reactions. Currently we have implemented three large-scale community trials (at the level of Galicia and north of Portugal) to identify and to modify associated factors with poor

prescribing/dispensing/use of antibiotics in order to reduce their resistances. We are also developing studies to further identify the genetic factors of adverse reactions to drugs most relevant from the point of view of public health, such as gastrointestinal bleeding.

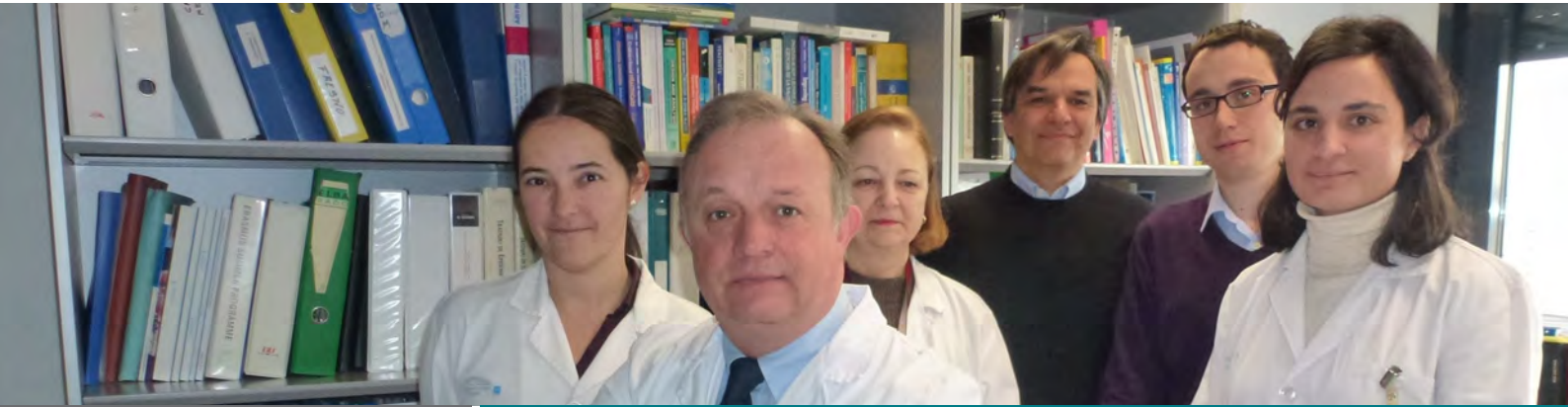
- **TECHNOLOGY ASSESSMENT AND HEALTH SERVICES.** Our group aims to provide support within a consolidated evaluation activity such as technology assessment, services and health interventions through various mechanisms, one of them being the systematic reviews and the meta-analysis. The meta-analysis is the knowledge evaluation system more widely used in epidemiology. The level of evidence derived from the meta-analysis is the highest and exceeds the experimental design. The objective in the following years is to propose a free-use package software that allows the non specialized scientific community to perform intuitively and with a minimal advice a meta-analysis from the first steps to the final proposal. This project is in a very advanced state of development. Also, the methodological elements will be investigated, such as heterogeneity and publication bias, and these methodological knowledge will be used to apply to specific meta-analysis, collaborating with the clinical services interested.

Most relevant scientific articles

- TAKKOUCHE B, KHUDYAKOV P, COSTA-BOUZAS J, SPIEGELMAN D. Confidence intervals for heterogeneity measures in meta-analysis. *Am J Epidemiol.* 2013 Sep 15;178(6):993-1004.
- TEIXEIRA RODRIGUES A, ROQUE F, FALCÃO A, FIGUEIRAS A, HERDEIRO MT. Understanding physician antibiotic prescribing behaviour: a systematic review of qualitative studies. *Int J Antimicrob Agents.* 2013 Mar;41(3):203-12.
- MARTÍNEZ-SERNÁNDEZ V, FIGUEIRAS A. Central nervous system demyelinating diseases and recombinant hepatitis B vaccination: a critical systematic review of scientific production. *J Neurol.* 2013 Aug;260(8):1951-9.
- GONZÁLEZ-GONZÁLEZ C, LÓPEZ-GONZÁLEZ E, HERDEIRO MT, FIGUEIRAS A. Strategies to improve adverse drug reaction reporting: a critical and systematic review. *Drug Saf.* 2013 May;36(5):317-28.
- RUANO-RAVINA A, ALDAMA-LÓPEZ G, CID-ÁLVAREZ B, PIÑÓN-ESTEBAN P, LÓPEZ-OTERO D, CALVIÑO-SANTOS R. Radial vs Femoral Access After Percutaneous Coronary Intervention for ST-segment Elevation Myocardial Infarction. Thirty-day and One-year Mortality Results. *Rev Esp Cardiol.* 2013 Nov;66(11):871-878.

Highlights

During 2013 the research line in cancer epidemiology has had 3 projects financed, two from the FIS and one regional. Between 2013 and 2014 several articles have been published in the first decile and quartile journals, essentially studies related to the multicenter research on lung cancer in never smokers and ecological studies linking exposure to residential radon with various tumours. The DNA-repair project has been initiated which aims to include 1,400 subjects in the next 3 years and to analyze the biological mechanism through what radon causes lung cancer. The members of the research line in pharmacoepidemiology have participated in two research projects, one from the FIS and the other one financed by the FTC (Financing Agency in Portugal). During 2013 and 2014 members from this research line have collaborated as editors at a journal in the first quartile (*Drug Saf*), and have published articles in first decile (*JAMA*) and quartile (*Drug Saf*, *J Neurol*, *Int J Antimicrob Agents*) journals.



PROGRAMME:
Clinical Epidemiology

Group 23

Group Members

STAFF MEMBERS

Vázquez Fdez. Del Pozo, Silvia

ASSOCIATED MEMBERS

Andrés Esteban, Eva María
 De la Cruz Bertolo, Javier
 Lora Pablos, David
 Ruíz López, Pedro

Lead Researcher

Gómez de la Camara, Agustín



Contact:

Instituto de Investigación Biosanitaria del Hospital
 Universitario 12 de Octubre. Unidad de Investigación.
 Epidemiología clínica. Centro de Actividades Ambulatorias.
 Hsp- 12 de Octubre. 6ª Pl. Bloque D. Avda. de Córdoba. 28041 Madrid
 Phone.: 917792839 · E.mail: acamara@h12o.es · <http://www.imas12.es/>

Main lines of research

- Development and validation of CLINICAL PREDICTION RULES:

This group has been coordinator THEME COOPERATIVE RESEARCH NETWORK 03/090 for the development of methodologies for the implementation and management of knowledge in clinical practice and this node responsible for the line of research prognostic development of clinical prediction rules.

Since 1995 develops the research methodology in prognostic studies on predictive methods and conducting projects on clinical prediction rules in cardiovascular diseases, oncology, rheumatology [FIS96/1809], [FIS02/0242], [P-FIS03/248], [FIS03/0046], FIS04/019].

Participation and collaboration in the following projects:

- FIS Project PS07/0945 "Prediction of mortality in patients hospitalized for heart failure: building predictive models." The results are published in *Cardiology Journal* "Role of biological and non biological factors in Congestive Heart Failure mortality: PREDICE-SCORE, a Clinical Prediction Rule" (*J Cardiol* 2012;19, 6:578-585).

- FIS Project 05/1862 "Validation of clinical prediction rules in recurrent stroke." Publication: Recurrence after a first-ever ischemic Stroke Development of a Clinical Prediction Rule. *Research in Neurology: An International Journal* Vol 2013 (2013) Article ID264063.

- CHRONIC DISEASE: FIS IntraSalud10/02123 projects."Study DRECE V. (Diet and Cardiovascular Risk in Spain.) 20 years of monitoring of a Spanish cohort." [PI10/02123]

Study DRECE V (Diet and Risk of Cardiovascular Disease in Spain), which aims are to determine the association between diet and overall mortality and cardiovascular in Spain. Describe patterns and nutritional study of cardiovascular risk factors and their association with mortality.

Most relevant scientific articles

- FERNÁNDEZ-RUIZ M, LÓPEZ-MEDRANO F, VARELA-PEÑA P, MORALES JM, GARCÍA-REYNE A, SAN JUAN R. Hypocomplementemia in kidney transplant recipients: impact on the risk of infectious complications. *Am J Transplant*. 2013 Mar;13(3):685-94.
- SINGH GM, DANAIE G, FARZADFAR F, STEVENS GA, WOODWARD M, WORMSER D. The age-specific quantitative effects of metabolic risk factors on cardiovascular diseases and diabetes: a pooled analysis. *PLoS One*. 2013;8(7):e65174.
- FAYED N, LÓPEZ DEL HOYO Y, ANDRÉS E, SERRANO-BLANCO A, BELLÓN J, AGUILAR K. Brain changes in long-term zen meditators using proton magnetic resonance spectroscopy and diffusion tensor imaging: a controlled study. *PLoS One*. 2013;8(3):e58476.
- MOSQUEDA R, CASTILLA Y, PERAPOCH J, DE LA CRUZ J, LÓPEZ-MAESTRO M, PALLÁS C. Staff perceptions on Newborn Individualized Developmental Care and Assessment Program (NIDCAP) during its implementation in two Spanish neonatal units. *Early Hum Dev*. 2013 Jan;89(1):27-33.
- GERMANY L, EHLINGER V, KLAPOUSZCZAK D, DELOBEL M, HOLLÓDY K, SELLIER E. Trends in prevalence and characteristics of post-neonatal cerebral palsy cases: a European registry-based study. *Res Dev Disabil*. 2013 May;34(5):1669-77.

Highlights

Participation and collaboration in Research projects linked to subprogramme MAPAC of CIBERESP (P7).

1) VALIDATION OF BLEEDING AND TROMBOTIC RISK PREDICTION SCALES. EVALUATION OF EFFECTIVENESS IN PATIENTS WITH ACUTE CORONARY SYNDROME.

Project [PI13/02502]

TITLE: Antithrombotic management in stented patients for st-elevation myocardial infarction: Subproject 4: effectiveness and validation of bleeding and thrombotic risk stratification, the aim is to assess correlation between appropriateness of the recommendations of antiplatelet /ACO and effectiveness predictive of bleeding and thrombotic risk prognostic stratification scales Thrombotic risk [CHADS2 and CHA2DS2-VASc] and hemorrhagic risk [HEMORR2HAGES, HAS-BLED and ATRIA score]. Validation and comparison of the predictive ability of these scales.

2) EVALUATION OF THE ADEQUACY OF HEALTH INTERVENTIONS:

-Project [PI13/00399]. TITLE: Antiaggregation in ST-elevation myocardial infarction revascularized with STENT. Subproject 1: effectiveness and variability of the clinical practice, the aim is to evaluate the variability in clinical practice the use of antiplatelet/anticoagulation and effectiveness of different patterns.

-Project [PIIMAS12/Amgen02]. TITLE: "Effectiveness of a Decision-Making Tool optimize appropriateness of colonoscopy in high risk colon cancer population." Funding Entity (AMGEN)

EXCELLENCE INTEGRATED PROJECT BY INSTITUTES OF HEALTH RESEARCH

-Project [PIE13/00045]. TITLE: "Innovative strategies to seek novel biomarkers and predictive models in solid organ transplantation. Establishing transplant personalized medicine"

Other activities of the group

- Epidemiological and methodological advice to professionals.
- Participation in scientific meetings and congresses
- Course Methodological Bases of Biomedical Research (24th Edition)
- Statistical Analysis Courses
- Course on systematic reviews and meta-analysis.
- Doctoral thesis direction
- Tutoring of Resident Physicians (MIR) rotations by the Epidemiology and Clinical Research Unit.

Group 26

Group Members

STAFF MEMBERS

Aranaz Andrés, Jesús
Lumbreras Lacarra, Blanca

ASSOCIATED MEMBERS

García Aldeguez, Joaquín

Lead Researcher

Hernández Aguado, Ildefonso



Contact:

Universidad Miguel Hernández
Avenida de la Universidad, s/n, 03202, Alicante
Phone: (+34) 96 591 95 12
E.mail: ihernandez@umh.es

Main lines of research

- Clinical epidemiology, evaluation of health technologies, assesement of diagnostic test and screening tests.
- Health services research, patient security and health care quality
- Preventive medicine
- Active aging
- Politics and health policies, health governance.

Most relevant scientific articles

- PARKER LA, SAEZ NG, PORTA M, HERNÁNDEZ-AGUADO I, LUMBRERAS B. The impact of including different study designs in meta-analyses of diagnostic accuracy studies. *Eur J Epidemiol*. 2013 Sep;28(9):713-20.
- HERNÁNDEZ-AGUADO I. The tobacco ban in Spain: how it happened, a vision from inside the government. *J Epidemiol Community Health*. 2013 Jul;67(7):542-3.
- MARTÍN-DELGADO MC, FERNÁNDEZ-MAILLO M, BAÑERES-AMELLA J, CAMPILLO-ARTERO C, CABRÉ-PERICAS L, ANGLÉS-COLL R ET AL.. [Consensus conference on providing information of adverse events to patients and relatives]. *Rev Calid Asist*. 2013 Nov-Dec;28(6):381-9.
- ESPINA C, PORTA M, SCHÜZ J, AGUADO IH, PERCIVAL RV, DORA C ET AL.. Environmental and occupational interventions for primary prevention of cancer: a cross-sectorial policy framework. *Environ Health Perspect*. 2013 Apr;121(4):420-6, 426e1-7.

Highlights

We have applied and have obtained two Research grants from FIS in the area of clinical epidemiology and in the area of health services Research. In 2013 we joined the Action Group on Prescription and adherence to medical plans of the European Commission inserted in the strategy healthy ageing (further information: http://ec.europa.eu/research/innovation-union/index_en.cfm?section=active-healthy-ageing).

We also have integrated in the Task Force PaSQ. European Union Network for Patient Safety and Quality of Care.

In the academic field our group coordinate the Official PhD program on public health, medical and surgical sciences. Finally, the head of the group has been elected president of the Spanish Association of Public health and member of the Governing Council of the World Federation of Public Health Associations.

Group Members

STAFF MEMBERS

Arjona Camí, Lourdes
Castaño Vinyals, Gemma
Gracia Lavedan, Esther

ASSOCIATED MEMBERS

Bosch de Basea, Magda
Cardis, Elisabeth
Carrasco López, Estela
Carrasco Turigas, Gloria
Carretero García, Gemma
Casas Sanahuja, María Isabel
Cirach Pradas, Marta
Cole-Hunter, Thomas Anthony
Dadvand, Payam
Eastman, Chelsea
Esnaola Acebes, Mikel
Espinosa Morano, Ana
Ferrer Barrera, Eva
Figuerola Alquezar, Jordi
Font Ribera, Laia
Fthenou, Eleni
González Ruíz, Juan Ramón
Grellier, James
Kubesch, Janet Nadine
Matamala Minguet, Jaume
Nieuwenhuijsen, Mark
O'callaghan Gordo, Cristina
Papantoniou, Kyriaki
Pedersen, Marie
Pernot, Eileen
Plazas Elías, María Monserrat
Schembari, Ana
Triguero Mas, Margarita
Van Gent, Diana
Villanueva, Cristina
Zock, Jan-Paul

CONTRIBUTORS

Ferrer de Molina, M^a del Mar



Lead Researcher

Kogevinas, Emmanouil



Contact:

Centre de Recerca en Epidemiologia Ambiental (CREAL)
C/ Doctor Aiguader, 88.
1^a pl. Edifici PRBB. 08003 Barcelona · Phone: (+34) 93 214 73 32
E.mail: kogevinas@creal.cat
Website: www.creal.cat

Main lines of research

The main research of the group is focused in environmental, occupational and genetic factors related to cancer, respiratory disease and child health. Among the main exposures, the group is focused on radiations (smartphones, UV, ionizing), water pollutants (disinfection by-products in drinking water and swimming pools), air pollution, transport and green spaces in urban areas, hormonal disruption, life style (diet, passive smoking), as well as occupational studies in cleaning workers and shift-work and circadian cycle disruption. In the last years we have applied new technologies to assess the exposure (e.g. Smartphones), extensively used new biomedical technologies (Exposome, biomarkers, genomics, epigenetics, metabolomics) and implemented complex statistics and bioinformatics methods. The group has an important international reputation and devotes considerable efforts in education, dissemination and knowledge transfer. Research of the group is funded by grants from FIS, FP7 (EU), and NIH (USA).

Most relevant scientific articles

- ROBLES C, VISCIDI R, MALATS N, SILVERMAN DT, TARDON A, GARCÍA-CLOSAS R. Bladder cancer and seroreactivity to BK, JC and Merkel cell polyomaviruses: the Spanish bladder cancer study. *Int J Cancer*. 2013 Aug 1;133(3):597-603.
- SALAS LA, CANTOR KP, TARDON A, SERRA C, CARRATO A, GARCÍA-CLOSAS R ET AL.. Biological and statistical approaches for modeling exposure to specific trihalomethanes and bladder cancer risk. *Am J Epidemiol*. 2013 Aug 15;178(4):652-60.
- DADVAND P, FIGUERAS F, BASAGAÑA X, BEELEN R, MARTÍNEZ D, CIRACH M, SCHEMBARI A, HOEK G, BRUNEKREEF B, NIEUWENHUIJSEN MJ. Ambient air pollution and preeclampsia: a spatio-temporal analysis. *Environmental Health & Perspectives*. 2013;121(11-12):1365-71.
- PEDERSEN M, GIORGIS-ALLEMAND L, BERNARD C, AGUILERA I, ANDERSEN AM, BALLESTER F. Ambient air pollution and low birthweight: a European cohort study (ESCAPE). *Lancet Respir Med*. 2013 Nov;1(9):695-704.
- TURNER MC, KREWSKI D, ARMSTRONG BK, CHETRIT A, GILES GG, HOURS M, MCBRIDE ML, PARENT ME, SADEZKI S, SIEMIATYCKI J, WOODWARD A, CARDIS E. Allergy and brain tumors in the INTERPHONE study: pooled results from Australia, Canada, France, Israel, and New Zealand. *Cancer Causes & Control*. 2013;24(5):949-60.

Highlights

During this period, the group has kept a stable structure, which is currently integrated by 57 persons (7 PIs, and 10 postdocs). A main study in Spain is the MCC-Sp study within CIBERESP that is co-coordinated by the group and that is among the largest population based cancer studies in Spain evaluating common cancers (prostate, breast, colorectal, stomach and chronic lymphocytic leukaemias) and including 10,137 subjects enrolled in 12 provinces. The group has implemented a wide international research portfolio leading 4 International projects (PHENOTYPE, GERONIMO, MOBI-KIDS, INTEROCC) and having a key role in 10 EU funded projects including EPI-CT, EXPOSOMICS, HELIX. The research output in this period (2013) includes 86 research papers in PubMed. There is very close collaboration with numerous groups in the area of epidemiology, exposure assessment and laboratory work in Spain (CSIC, CRG, ISCIII, CNIO) and internationally (NCI, USA, INSERM, France, Imperial College, London, IRAS, Utrecht). Communication is an important aspects of the groups work through press releases, news in our website and social media. The work of the group has a significant impact in the mass media (press, TV, radio, online publications) that published more 250 articles referring to research from the group. The group has an active community outreach activity involving regular school visits and frequent participation in open activities in the community. Postgraduate teaching is mostly in the Master of Public Health, UPF but also in other national and international courses. During 2013, three doctoral theses directed by members of the group were successfully defended. Members of the group participate in several national or international expert committees such as IARC Monographs on the Evaluation of Carcinogenic Risks to Humans and are members of the editorial boards of journals such as *Environmental Health Perspectives* and *occupational Environmental Medicine*.



PROGRAMME:
**Social Determinants
 of Health**

Evaluación de programas y políticas de salud pública

Group Members

STAFF MEMBERS

León Pujadas, Gabriel
 Sánchez Martínez, Francesca

ASSOCIATED MEMBERS

Ariza Cardenal, Carles
 Arques Bote, Josep
 Casas Segala, Conrad
 Centrich, Francesc
 Fontcuberta, Mireia
 García Altes, Anna
 Guix Oliver, Joan
 Muñoz Guzmán, Gloria
 Muñoz Lecanda, Enrique
 Pérez Gimenez, Anna
 Puigpinos Riera, Rosa
 Ramon Villalbi, Joan
 Serral Cano, Gemma

Lead Researcher

López Medina, María José



Contact:

Agencia de Salud Pública de Barcelona
 Pl, Lesseps, 1. 08023 Barcelona
 Phone: (+34) 93 202 77 48
 E.mail: mjlopez@aspb.cat
 Website: www.aspb.cat

Main lines of research

The main research line of the group is the evaluation of public health policies and programmes, which includes:

- Monitoring of behaviours and other health risk factors such as environmental exposures;
- Process, impact and economic evaluation of public health policies and programmes.
- Innovative topics on evaluation, such as the evaluation related to the use of Information and Communication Technologies (ICT) in public health.

Most relevant scientific articles

- GARCÍA-ALTÉS A, SUELVES JM, BARBERÍA E. Cost savings associated with 10 years of road safety policies in Catalonia, Spain. *Bull World Health Organ*. 2013 Jan 1;91(1):28-35.
- LÓPEZ MJ, FERNÁNDEZ E, PÉREZ-RIOS M, MARTÍNEZ-SÁNCHEZ JM, SCHIAFFINO A, GALÁN I. Impact of the 2011 Spanish smoking ban in hospitality venues: indoor second-hand smoke exposure and influence of outdoor smoking. *Nicotine Tob Res*. 2013 May;15(5):992-6.
- BLANCH C, FERNÁNDEZ E, MARTÍNEZ-SÁNCHEZ JM, ARIZA C, LÓPEZ MJ, MONCADA A. Impact of a multi-level intervention to prevent secondhand smoke exposure in schoolchildren: a randomized cluster community trial. *Prev Med*. 2013 Nov;57(5):585-90.
- KUMAR P, RÚBIES A, CENTRICH F, GRANADOS M, CORTÉS-FRANCISCO N, CAIXACH J. Targeted analysis with benchtop quadrupole-orbitrap hybrid mass spectrometer: application to determination of synthetic hormones in animal urine. *Anal Chim Acta*. 2013 May 30;780:65-73.
- SUREDA X, FERNÁNDEZ E, LÓPEZ MJ, NEBOT M. Secondhand tobacco smoke exposure in open and semi-open settings: a systematic review. *Environ Health Perspect*. 2013 Jul;121(7):766-73.

Highlights

During 2013 the scientific activity of the group has been particularly significant, with more than half of scientific papers published in international first quartile journals. The group has also been involved in several research projects, all them obtained in competitive calls. Also in 2013 two researchers from the group have obtained two new FIS projects that will begin in January 2014. One of the projects is related to factors associated with the development of breast cancer in a cohort of women, while the other one is focused on exposure to environmental tobacco smoke in children under 12 years. Also noteworthy is the high number of presentations at scientific conferences, as well as lectures at international conferences such as the Annual Meeting of the German, Austrian and Swiss Associations for Hematology and Oncology and the International Conference on Tobacco Prevention and Control. Regarding teaching, some researchers of the group are teaching at official masters like the Master of Public Health (Universitat Pompeu Fabra) or the Master of Tropical Medicine and International Health (Autonomous University of Barcelona). In addition, some members of the group are directors of PhD thesis currently in progress. Finally, it is important to notice that the group is accredited as emerging research group on evaluation of policies and public health programs for the Agency for Administration of University and Research Grants (AGAUR) of the Generalitat de Catalunya.



PROGRAMME:

**Epidemiology and Prevention
 of Chronic Diseases**

Epidemiología Ambiental y Cáncer

Group Members

STAFF MEMBERS

Cervantes Amat, Marta
 González Palacios, Ángel
 Lanza Martínez, María

ASSOCIATED MEMBERS

Aragones Sanz, Nuria
 Boldo Pascua, Elena
 Castelló Pastor, Adela
 Fernández Navarro, Pablo
 Ferreras Barrera, Eva
 García García-Esquinas, Esther
 García Pérez, Javier
 González Sánchez, Mario
 Linares Gil, Cristina
 Lope Carvajal, Virginia
 López Cima, María Felicitas
 Marín Rodríguez, María
 Pastor Barriuso, Roberto
 Pérez Gómez, Beatriz
 Pollan Santamaría, Marina
 Ramis Prieto, Rebeca
 Sierra Oliva, María Angeles

CONTRIBUTORS

García-Arenzana Les, Nicolás

Lead Researcher

López-Abente Ortega, Gonzalo

Contact:

Área de Epidemiología Ambiental y Cáncer
 Centro Nacional de Epidemiología
 Campus Chamartín - C/ Sinesio Delgado, 6 - pabellón 12. 28029 Madrid.
 Phone: (+34) 91 822 26 34 · E.mail: glabente@isciii.es
 Website: <http://www.isciii.es/ISCIII/es/contenidos/fd-servicios-cientifico-tecnicos/fd-vigilancias-alertas/epidemiologia-ambiental-y-cancer.shtml>

Main lines of research

The activities of the Environmental Epidemiology and Cancer Unit of the National Center of Epidemiology (CNE) continue and broaden the experience of the Cancer Epidemiology Unit, established in 1991. The group mainly works on three research lines: 1) Surveillance of cancer burden in Spain, where our unit is considered a national reference in the study of the spatial and temporal distribution of this group of diseases, 2) environmental, occupational and life style epidemiology research, exploring the impact of environmental exposures in cancer both from an ecological point of view -possible effects of industrial pollution or physical agents- as well as using individual measurements of exposure in case-control and cohort studies; those projects related with biomonitoring in general population- can also be included in this research line and 3) genetics and molecular cancer epidemiology, especially in breast cancer. Accordingly, The activities of the Unit, therefore, cover a wide range of topics in etiological research of different types of cancer and in the development of innovative methods of study design and data analysis. Most of the activities integrate researchers and groups external to the ISCIII and belonging to different disciplines.

Most relevant scientific articles

- BOLDO E, LINARES C, ARAGONÉS N, LUMBRERAS J, BORGE R, DE LA PAZ D, PÉREZ-GÓMEZ B, FERNÁNDEZ-NAVARRO P, POLLÁN M, RAMIS R, MORENO T, KARANASIOU A, LÓPEZ-ABENTE G. Air quality modeling and mortality impact of fine particles reduction policies in Spain. *Environmental Res.* 2013;:15-26.
- GARCÍA-PÉREZ J, FERNÁNDEZ-NAVARRO P, CASTELLÓ A, LÓPEZ-CIMA MF, RAMIS R, BOLDO E, LÓPEZ-ABENTE G. Cancer mortality in towns in the vicinity of incinerators and installations for the recovery or disposal of hazardous waste. *Environment International.* 2013;51:31-44.
- LÓPEZ-ABENTE, G ; VIDAL-OCABO, E ; TELLO-ANCHUELA, O; ARAGONES, N; GARCÍA-PÉREZ, J; PASTOR-BARRIUSO, R; PÉREZ-GÓMEZ, B; JIMÉNEZ, MA; MARTÍN-VALDEPENAS, JM; GARCÍA-TALAVERA, M; RAMOS, L; POLLAN, M. Exposure to ionising radiations arising from the operation of nuclear installations and cancer mortality. *International Journal of Environmental Science and Technology.* 2013;1:97-110.
- PASTOR-BARRIUSO R, ASCUNCE N, EDERRA M, ERDOZÁIN N, MURILLO A, ALÉS-MARTÍNEZ JE, POLLÁN M. Recalibration of the Gail model for predicting invasive breast cancer risk in Spanish women: a population-based cohort study. *Breast Cancer Res Treat.* 2013 Feb;138(1):249-59.
- POLLÁN M, ASCUNCE N, EDERRA M, MURILLO A, ERDOZÁIN N, ALÉS-MARTÍNEZ JE. Mammographic density and risk of breast cancer according to tumor characteristics and mode of detection: a Spanish population-based case-control study. *Breast Cancer Res.* 2013 Jan 29;15(1):R9.

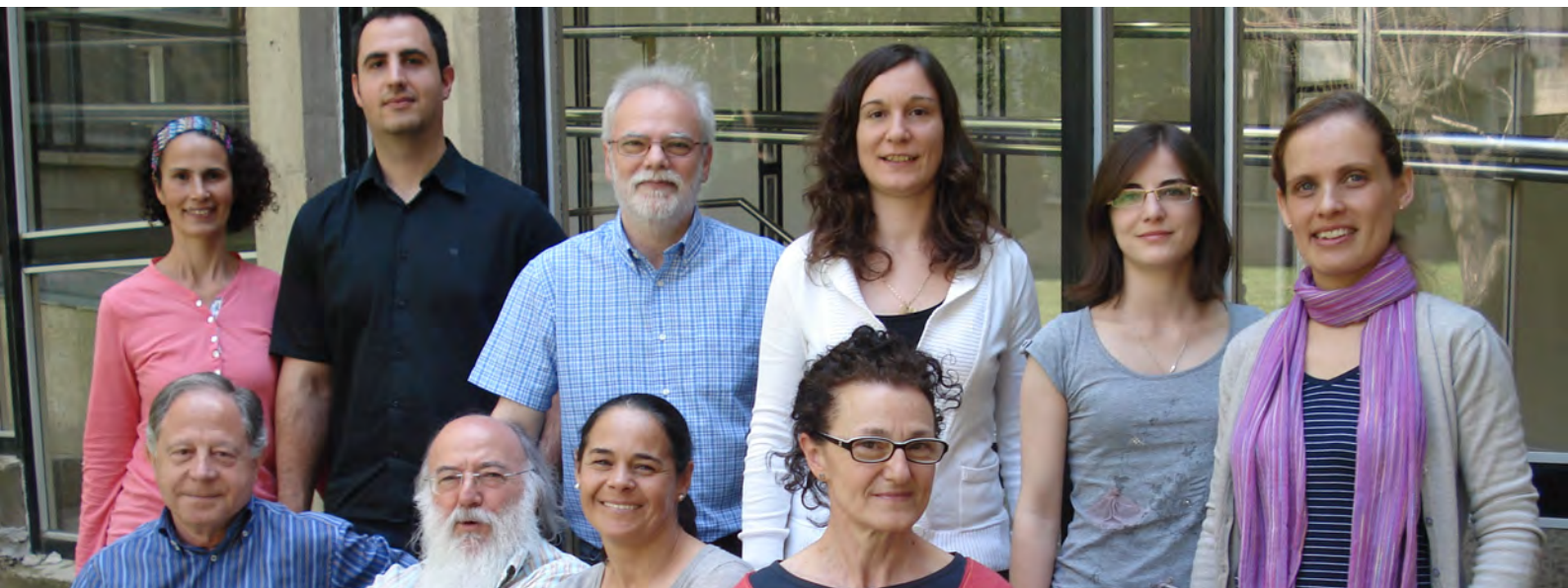
Highlights

During 2013, the members of the Environmental Epidemiology and Cancer Unit collaborated in 14 research projects funded in competitive concurrency, participation and leadership in collaborative studies can be highlighted in the following projects: 1) Project MCC-Spain, multicentric multicase-control study on the role of environmental factors in the etiology of the most prevalent cancers in Spain; 2) DDM studies on mamographic density as intermediate phenotype for breast cancer; 3) Industrial pollution and cancer in Spain; and 4) Mobikids project (radiofrequency and brain cancer in teenagers and young adults).

In the last five years (from 2008 to 2013) the scientific production of the group has evolved from 29 publications (27 in international journals) to 49 (44 in international journals), which represent an increase close to 60%. In addition, the Unit has incorporated 10 researchers thanks to research project funds. The group investigators were also involved in various scientific committees, and have maintained an intense teaching activity.

The memory of the group in 2013 can be found at:

<http://www.isciii.es/ISCIII/es/contenidos/fd-servicios-cientifico-tecnicos/fd-vigilancias-alertas/fd-epidemiologia-ambiental-y-cancer/memoria-area-epi-ambiental-y-cancer-2013.pdf>



PROGRAMME:

**Ep. and Prev. Environmental
 and Occupational Diseases**

Grupo de Mutagenesis

Group Members

STAFF MEMBERS

Pastor Benito, Susana

ASSOCIATED MEMBERS

Alarcón Sánchez, Lourdes

Creus Capdevilla, Amadeu

Guillamet Cros, Emma

Hernández Bonilla, Alba

Soriano Tarraga, Carolina

Velázquez Henar, Antonia

Xamena López, Noel

Lead Researcher

Marcos Dauder, Ricardo



Contact:

Departament de Genètica i de Microbiologia
 Universidad Autonoma de Barcelona

Edifici C (Fac. Biociències) Campus UAB. 2^a Pl. 08193 Cerdanyola del Vallès

Phone: (+34) 93 581 20 52 · E.mail: ricard.marcos@uab.es

Website: <http://grupsderecerca.uab.cat/mutagenesi/>

Main lines of research

• GENOTOXIC/CARCINOGENIC MECHANISMS OF ARSENIC

This research field involves both in vitro and biomonitoring studies with exposed populations. The most interesting recent results can be summarized as:

- In the human populations studied (Chile and Mexico), the exposed people (never mind if they are occupationally or environmentally exposed) present high levels of genetic damage.
- We have found a new polymorphism of the AS3MT gene (Met287Thr) acting as an important modulator of the genetic risk. Individuals carrying such variant accumulate the metabolite MMA(III) that is the arsenic specie showing the highest genotoxic potentiality.
- We have generated a wide set of in vitro tools to evaluate the carcinogenic potential of arsenic.
- We have demonstrated for first time that oxidative damage plays an important role in both the genotoxicity and carcinogenicity of arsenic.

• RISK FACTORS IN PATIENTS WITH THYROID PATHOLOGIES

The most important goals reached in this research line can be summarized as follows:

- We have found a region in chromosome 1p12 showing a strong association with thyroid cancer. In this region there is a new gene (WDR3) responsible of the observed association.
- We have found associations between different genes involved in the repair of DNA (OGG1, XRCC1, XRCC2 and XRCC3) and the metabolism of thyroid (TG) and the thyroid cancer.
- In a wide study of all the genome (GWA), carried out with samples from four European populations we have found a strong association with the rs6759952 polymorphism of the DIRC3 gene.

- Finally, in a collaborative study with Italian groups we have shown for first time that the thyroperoxidase gene (TPO) is involved in the risk of suffering thyroid cancer.

- RISK FACTORS IN PATIENTS WITH KIDNEY THYROID PATHOLOGIES

The most important recent goals of this research line are as follows:

- We have found that patients with chronic renal failure (CRF) present high levels of genetic damage at both primary and fixed level.
- The CRF patients are characterized by genomic instability. This supposes that these patients are extremely sensitive to the environmental genotoxicants.
- CRF patients present high mortality, but not specific causes have been found.
- DNA oxidative damage and its inability to repair it is an important factor explaining why these patients show high levels of genetic damage.

- GENOTOXIC MECHANISMS OF NANOMATERIALS.

This is a recent research line aiming to determine the risk that can suppose the presence of these new materials in our near environment.

The obtained results until now indicate that

- Silver in its nanoparticulated form is able of induce genotoxic damage in vivo as we have demonstrate in *Drosophila*.
- We have detected several nanomaterials such as titanium dioxide and zinc oxide modulate the genotoxic effects induced by UV light.
- Long-term exposures to sub-toxic doses of cobalt nanoparticles induce cell transformation as well as other markers of tumoral processes.
- Cerium nanoparticles pose antioxidant potential both in vivo and in vitro.

Most relevant scientific articles

- CIPOLLINI M, PASTOR S, GEMIGNANI F, CASTELL J, GARRITANO S, BONOTTI A. TPO genetic variants and risk of differentiated thyroid carcinoma in two European populations. *Int J Cancer*. 2013 Dec 15;133(12):2843-51.
- PASTORET A, MARCOS R, SAMPAYO-REYES A, SAUCEDO-CARDENAS O, LOZANO-GARZA GH, HERNÁNDEZ A. Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1α and HNF4α) as a mechanism of arsenic carcinogenesis. *Arch Toxicol*. 2013 Jun;87(6):1001-12.
- KÖHLER A, CHEN B, GEMIGNANI F, ELISEI R, ROMEI C, FIGLIOLI G. Genome-wide association study on differentiated thyroid cancer. *J Clin Endocrinol Metab*. 2013 Oct;98(10):E1674-81.
- VALES G, DEMIR E, KAYA B, CREUS A, MARCOS R. Genotoxicity of cobalt nanoparticles and ions in *Drosophila*. *Nanotoxicology*. 2013 Jun;7(4):462-8.
- LANDA I, BOULLOSA C, INGLADA-PÉREZ L, SASTRE-PERONA A, PASTOR S, VELÁZQUEZ A. An epistatic interaction between the PAX8 and STK17B genes in papillary thyroid cancer susceptibility. *PLoS One*. 2013;8(9):e74765.

Highlights

A total 10 publications with an accumulated impact factor of 41.268 have been published. This means an averaged factor of 4.13.

Two research projects have been obtained. One supported by FIS in collaboration with the Fundación Puigvert entitled: Biomarcadores de pronóstico y estrategias para disminuir la morbimortalidad de pacientes con insuficiencia renal. The second one has been funded by the UE and entitled: A common European approach to the regulatory testing of nanomaterials (NaNoREG).

Defence of one PhD Thesis entitled: El proyecto NanoGenotox: Hacia el desarrollo de una metodología robusta para la determinación del potencial genotóxico de los nanomateriales.

Presentation of two communications at the 52th SOT (Society of Toxicology) Annual Meeting held at San Antonio, USA.

Ricard Marcos and Susana Pastor acted as experts, nominated by the Ministerio de Sanidad y Consumo, in the ad hoc Commission of the OCDE responsible for the revision and updating of the Guidelines on Genotoxicity Assays.

Group Members

STAFF MEMBERS

Aguilar Serrano, Ruth
Jiménez Morera, Alfons

ASSOCIATED MEMBERS

Alonso Fernández, Pedro Luis
Aponte Varon, John Jairo
Arnaiz Gargallo, Joan Albert
Ascaso Terren, Carlos
Bardaji Alonso, Azucena
Bassat Orellana, Enrique
Bayas Rodríguez, José María
Carne Cladellas, Francisco Javier
Dobaño Lazaro, Carlota
González Alvarez, Raquel
Guinovart Florensa, Caterina
Lahuerta Sanau, María
Letang Jiménez de Anta, Emili
Mayor Aparicio, Alfredo Gabriel
Naniche, Denise
Ordi Maja, Jaume
Pons Caselles, María Jesús
Quinto Domech, Llorenç
Roca Aparicio, Anna
Rovira Vallbona, Eduard
Sanz Bravo, Sergi
Serra Casas, Elisa
Trilla García, Antonio de Padua

CONTRIBUTORS

Llamas, Alicia
Merino, M^a José
Plasencia, Antoni
Vicente, Gonzalo

Lead Researcher

Menéndez Santos, Clara



Contact:

Hospital Clínic i Provincial de Barcelona
C/ Villarroel, 170. 08036 Barcelona
E.mail: menendez@clinic.ub.es
Website: www.isglobal.org

Main lines of research

- Maternal, Infant and Reproductive Health, especially focused on Malaria in Pregnancy, Causes of Mortality and Human Papillomavirus (HPV).
- Malaria control and elimination: from Basic research in pathophysiology and immunology of the disease to clinical development of new tools for the prevention or treatment of malaria, including vector control, drugs and vaccines, with a special focus now on malaria elimination strategies.
- HIV/AIDS: current focus in acute HIV infection and HIV-induced immune activation in the both HIV-infected adults and infants.

Most relevant scientific articles

- GONZÁLEZ R, MANDOMANDO I, FUMADÓ V, SACOOR C, MACETE E, ALONSO PL. Breast milk and gut microbiota in African mothers and infants from an area of high HIV prevalence. *PLoS One*. 2013;8(11):e80299.
- MONCUNILL G, MAYOR A, JIMÉNEZ A, NHABOMBA A, CASAS-VILA N, PUYOL L. High antibody responses against *Plasmodium falciparum* in immigrants after extended periods of interrupted exposure to malaria. *PLoS One*. 2013;8(8):e73624.
- ROVIRA-VALLBONA E, MONTEIRO I, BARDAJÍ A, SERRA-CASAS E, NEAFSEY DE, QUELHAS D. VAR2CSA signatures of high *Plasmodium falciparum* parasitemia in the placenta. *PLoS One*. 2013;8(7):e69753.
- MAYOR A, KUMAR U, BARDAJÍ A, GUPTA P, JIMÉNEZ A, HAMAD A. Improved pregnancy outcomes in women exposed to malaria with high antibody levels against *Plasmodium falciparum*. *J Infect Dis*. 2013 Jun 1;207(11):1664-74.
- ALONSO PL, TANNER M. Public health challenges and prospects for malaria control and elimination. *Nat Med*. 2013 Feb;19(2):150-5.

Highlights

We are leading several international research consortiums on the main lines of research:

- Causes of Mortality: Validation of the Minimally Invasive Autopsy (MIA) tool for cause of death investigation in developing countries. PI's: Dr. C Menéndez, Dr. Q. Bassat and Dr. J Ordi. Funder Bill and Melinda Gates Foundation (1.4 M\$).
- Mechanisms of Immunity to Malaria Vaccine Candidates: Understanding RTS,S malaria vaccine-induced protection through integrated analysis of antibody, B Cell and T Cell immune responses. PI Dr. C Dobaño. Funder NIH (3M\$) and Identifying correlates of protection to accelerate vaccine trials: systems evaluation of two models of experimentally-induced immunity to malaria. PI Dr. C. Dobaño. Funder: FP7 (2.8 M€).
- HIV/AIDS: Development of novel gastrointestinal biomarkers for use in HIV incidence determination in a sub-Saharan African setting. PI Dr. D Naniche. Funder: Bill and Melinda Gates Foundation (1M\$)

Some of the international research consortiums lead by researchers from our group presented results in 2013:

- The results from a trial evaluating alternative drugs to prevent malaria in pregnancy were presented at the World Health Organization (WHO) by Dr. C Menéndez in July 2013.
- The results from different multicentre studies on malaria research coordinated from the group were presented at the Conference "Advances Plasmodium Vivax Malaria Research" organized by the The New York Academy of Sciences in May 2013, and at the Multilateral Initiative on Malaria (MIM) last November 2013 in Durban (South Africa), the main panafrican malaria conference.
- Participation of several researchers from the group in the Handbook published by the WHO "Management of Severe Malaria: a Practical Handbook".

Group 17

Group Members

STAFF MEMBERS

Rubio López, Nuria

ASSOCIATED MEMBERS

Livianos Aldana, Lorenzo

Llopis González, Agustín

Navarro Pérez, Jorge

Pico García, Yolanda

Rojo Moreno, Luis

Ruíz Rojo, Elías

Lead Researcher

Morales Suárez-Varela, M^a Manuela

Contact:

Universidad de Valencia

Phone: (+34) 963544951

E.mail: maria.m.moral@uv.es

Main lines of research

- Environment and reproductive effects
- Environment and health
- Environment and chronic diseases
- Environmental risk factors

Most relevant scientific articles

- BERNAT GARCÍA J, MORALES SUÁREZ-VARELA M, VILATA JJ, MARQUINA A, PALLARDÓ L, CRESPO J. Risk factors for non-melanoma skin cancer in kidney transplant patients in a Spanish population in the Mediterranean region. *Acta Derm Venereol.* 2013 Jul 6;93(4):422-7.
- MORALES-SUÁREZ-VARELA MM, OLSEN J, VILLENEUVE S, JOHANSEN P, KAERLEV L, LLOPIS-GONZÁLEZ A ET AL.. Occupational exposure to chlorinated and petroleum solvents and mycosis fungoides. *J Occup Environ Med.* 2013 Aug;55(8):924-31.
- MARÍ-BAUSET S, ZAZPE I, MARI-SANCHIS A, LLOPIS-GONZÁLEZ A, MORALES-SUÁREZ-VARELA M. Food Selectivity in Autism Spectrum Disorders: A Systematic Review. *J Child Neurol.* 2013 Oct 4;.
- ARNEDO-PENA A, GARCÍA-MARCOS L, BERCEDO-SANZ A, AGUINAGA-ONTOSO I, GONZÁLEZ-DÍAZ C, GARCÍA-MERINO A. Prevalence of asthma symptoms in schoolchildren, and climate in west European countries: an ecologic study. *Int J Biometeorol.* 2013 Sep;57(5):775-84.
- MORALES-SUÁREZ-VARELA M, GONZÁLEZ-CANDELAS F, ASTRAY J, ALONSO J, CASTRO A, CANTÓN R. Pandemic Influenza A (H1N1) in Non-vaccinated, Pregnant Women in Spain (2009-2010). *Matern Child Health J.* 2013 Oct 27;.

Highlights

We form the Mixed Nutrition Research Unit (FISABIO-CSISP-UVEG) of the Generalitat Valenciana. We participate in many projects, and in some as Principal Investigator (Assessing and predicting effects on water quantity and quality in Iberian rivers (SCARCE) (CDS2009-00065), and in the Evaluation of emerging pollutants in the Turia basin, basic research applied to environmental forensics (CGL2011-29703-C02-02); and in others as Collaborating Investigator with other CIBER projects (Influenza and 23-valent pneumococcal polysaccharide vaccine efficacy in people aged 65 years and above (PI12/02079); Analysing and improving the degree of adequacy of surgery scheduled for abdominal aortic aneurysm (PI12/02530); Identifying genetic variants in the exome associated with type 2 diabetes (PI11/00726); Processes of proliferation, apoptosis and angiogenesis in risk of death, relapses and therapeutic response to colon/rectum cancer (PI09/910).

We work with the Valencian Oncology Institute in studies into breast cancer and diet to improve patient recovery. We also conduct studies of child obesity related with depression and perception of health. We work in Child Health Promotion Programmes of the Valencian Community, and we collaborate with the Public Health laboratory of the Valencian Community within the FISABIO framework.



PROGRAMME:

**Epidemiology and Prevention
 of Chronic Diseases**

Group 55

Group Members

STAFF MEMBERS

Atencia Rojas, Carmen Rosa
 Paré Brunet, Laia

ASSOCIATED MEMBERS

Berenguer Llergo, Antonio
 Binefa Rodríguez, Gemma
 Cordero Romera, David
 Crous Bou, Marta
 Cuadras Palleja, Daniel
 Guino Domenec, Elisabeth
 López-Doriga Guerra, Adriana
 Milà Díaz, Nuria
 Rodríguez Moranta, Francisco
 Salazar Soler, Ramón
 Sanz Pamplona, Rebeca
 Sole Acha, Xavier

CONTRIBUTORS

López Ciércoles, Olga

Lead Researcher

Moreno Aguado, Víctor



Contact:

Institut Català d'Oncologia
 Phone: (+34) 93 260 74 34
 E.mail: v.moreno@iconcologia.net
 Website: <http://www.icopreencio.cat/es/programa-biomarcadors>

Main lines of research

- GENETIC EPIDEMIOLOGY.

Our research in the field of genetic epidemiology is focused primarily on identifying genetic polymorphisms as susceptibility markers of cancer risk associated with the study of drug consumption, colorectal cancer, and development of a predictor of individual risk based on the combination of multiple genetic polymorphisms associated with cancer. In this line we also develop new biostatistical and bioinformatics methods.

- MOLECULAR DIAGNOSIS OF CANCER.

Within the area of molecular diagnosis of cancer, our research focuses on the identification of biomarkers useful for the early diagnosis of colorectal cancer. The domains of interest include genomics, proteomics and epigenetics. We believe that genomic regulatory networks are useful for the identification of new markers.

- PROGNOSTIC MARKERS AND THERAPEUTIC RESPONSE PREDICTION.

We have series of colorectal cancer patients well characterized from a clinical point of view, with a long follow-up and prospective data collection.

These series are useful to identify prognostic markers, prediction of therapeutic response and toxicity of chemotherapy and radiotherapy.

• IDENTIFICATION OF NEW THERAPEUTIC TARGETS.

We use of bioinformatics tools for the identification of genes involved in cancer. This is a complex task since it requires in vivo and in vitro validation of hypotheses generated by bioinformatics models using genomic and proteomic data.

Most relevant scientific articles

- CARMONA FJ, AZUARA D, BERENQUER-LLERGO A, FERNÁNDEZ AF, BIONDO S, DE OCA J. DNA methylation biomarkers for noninvasive diagnosis of colorectal cancer. *Cancer Prev Res (Phila)*. 2013 Jul;6(7):656-65.
- AZUARA D, RODRÍGUEZ-MORANTA F, DE OCA J, SANJUAN X, GUARDIOLA J, LOBATON T. Novel methylation panel for the early detection of neoplasia in high-risk ulcerative colitis and Crohn's colitis patients. *Inflamm Bowel Dis*. 2013 Jan;19(1):165-73.
- LÓPEZ-DORIGA A, FELIUBADALÓ L, MENÉNDEZ M, LÓPEZ-DORIGA S, MORÓN-DURAN FD, DEL VALLE J. ICO Amplicon NGS Data Analysis: A Web Tool for Variant Detection in Common High-Risk Hereditary Cancer Genes Analyzed by Amplicon GS Junior Next-Generation Sequencing. *Hum Mutat*. 2013 Nov 14;.
- FERNÁNDEZ-ROZADILLA C, CAZIER JB, MORENO V, CROUS-BOU M, GUINÓ E, DURÁN G. Pharmacogenomics in colorectal cancer: a genome-wide association study to predict toxicity after 5-fluorouracil or FOLFOX administration. *Pharmacogenomics J*. 2013 Jun;13(3):209-17.
- TIAN S, SIMON I, MORENO V, ROEPMAN P, TABERNERO J, SNEL M. A combined oncogenic pathway signature of BRAF, KRAS and PI3KCA mutation improves colorectal cancer classification and cetuximab treatment prediction. *Gut*. 2013 Apr;62(4):540-9.

Highlights

The group focuses its research on a main own project: COLONOMICS and four collaborative projects: MCC-Spain, CORECT, EPICOLON and INMENSE. The main project, COLONOMICS: Integration of molecular basis of colorectal cancer for the detection and validation of new biomarkers (www.colonomics.org) has allowed us identifying a plasma protein -COL10A1- as a candidate biomarker for early diagnosis of colorectal cancer. We have renewed the Spanish Patent and prepared the manuscript for publishing the results. In the project MCC-Spain we lead the working group on drugs also have worked intensively in family predisposition to cancer genetic susceptibility. The CORECT project is a collaboration with groups from the U.S., mainly from the University of South California (USC) and Fred Hutchinson Cancer Research Center (FHCRC). We have responsibility to analyze gene-environment interactions in GWAS studies of colorectal cancer. In collaboration with the group EPICOLON (CIBERHed and CIBERRer) have validated several genetic polymorphisms that confer susceptibility to colorectal cancer and prediction of chemotherapy toxicity. In collaboration with the INMENSE group we have identified several genetic polymorphisms that increase the risk of multiple myeloma. We have published two papers on statistical methods to analyze genetic epidemiology studies in collaboration with Prof. Graffelman (UPC) and a protocol for the analysis of mutations using next-generation sequencing data in the BRCA1 and BRCA2 genes. In the line of biomarkers to predict therapeutic response we have published molecular profiles of colorectal tumors with different mutations that determine sensitivity to treatment with cetuximab. In the line of colorectal cancer screening assessment and improvement, we evaluated the quality of screening colonoscopy and published several papers on therapeutic strategies in inflammatory bowel disease.



PROGRAMME:
DAPET Programme

Group 2 Epidemiología Molecular y Genómica

Group Members

STAFF MEMBERS

Gosalbes Soler, M^a José

ASSOCIATED MEMBERS

Bracho Lapiedra, María Alma
 Comas Espada, Iñaki
 D'auria, Giusepe
 Dhunkova, María
 Durban Vicente, Ana
 García López, Rodrigo
 González Candelas, Fernando
 Isaac, Sandrine
 Jiménez Hernández, Nuria
 Latorre Castillo, Amparo
 López Labrador, Francisco Javier
 Palero Pastor, Ferran
 Patiño Galindo, Juan Ángel
 Pérez Brocal, Vicente
 Pérez Cobas, Ana Elena
 Peris Bondía, Francisco
 Pignatelli Moreno, Miguel
 Sánchez Busó, Leonor
 Silva Moreno, Francisco José
 Ubeda Morant, Carles
 Vázquez Castellanos, Jorge F.

Lead Researcher

Moyà Simarro, Andrés



Contact:

Inst. Cavanilles de Biodiversidad y Biología Evolutiva
 Camino Vera, s/n. 46022 Valencia
 Phone: (+34) 96 354 3480
 Website: <http://www.csisp.gva.es/web/fisabio/genomica-y-salud>

Main lines of research

- Development of new methods for genomic, metagenomic, epidemiological and evolutionary analysis to apply to the research on infectious diseases or dysbiotic microbiota, and also the regular study of them, particularly in the Comunidad Valenciana. Our group research focuses on microorganisms concerning the human health, in order to propose guidelines to the health administration in relation to certain pathogens, diseases related to the microbiota alteration and outbreaks.
- The objective of the studies in genomics, metagenomics, molecular epidemiology and evolution of organisms and / or microbial communities is their identification, sequencing and comparative and evolutionary analysis. The specific objectives aim to identify the genetic and metabolic factors associated with pathogenesis, to determine the genes or accessory elements responsible for the virulence, for the antigenic features relevant for vaccination or for the resistance to different treatments, as well as the evaluation of transmission routes, etc.

Most relevant scientific articles

- COMAS I, COSCOLLA M, LUO T, BORRELL S, HOLT KE, KATO-MAEDA M. Out-of-Africa migration and Neolithic coexpansion of Mycobacterium tuberculosis with modern humans. *Nat Genet.* 2013 Oct;45(10):1176-82.
- PÉREZ-COBAS AE, GOSALBES MJ, FRIEDRICH A, KNECHT H, ARTACHO A, EISMANN K. Gut microbiota disturbance during antibiotic therapy: a multi-omic approach. *Gut.* 2013 Nov;62(11):1591-601.
- GONZÁLEZ-CANDELAS F, BRACHO MA, WRÓBEL B, MOYA A. Molecular evolution in court: analysis of a large hepatitis C virus outbreak from an evolving source. *BMC Biol.* 2013 Jul 19;11:76.
- SÁNCHEZ-BUSÓ L, COSCOLLA M, PINTO-CARBÓ M, CATALÁN V, GONZÁLEZ-CANDELAS F. Genetic Characterization of Legionella pneumophila Isolated from a Common Watershed in Comunidad Valenciana, Spain. *PLoS One.* 2013;8(4):e61564.
- GOSALBES MJ, LLOP S, VALLÈS Y, MOYA A, BALLESTER F, FRANCINO MP. Meconium microbiota types dominated by lactic acid or enteric bacteria are differentially associated with maternal eczema and respiratory problems in infants. *Clin Exp Allergy.* 2013 Feb;43(2):198-211.

Highlights

PROJECTS:

- Title: Genómica Evolutiva. Principal Investigator: Andrés Moya. Funding: Consellería de Sanidad Generalitat Valenciana (PROMETEO). Term: 01-01-209 a 31-12-2013
- Title: High throughput sequencing to reveal the causes and consequences of Mycobacterium tuberculosis genomic variation – MTB. Principal Investigator: Iñaki Comas. Funding: Marie Curie Actions. Term: 01-09-2011 a 01-09-2013
- Title: Papel de la microbiota en la defensa frente a infecciones por Enterococo. Principal Investigator: Carles Ubeda. Funding: Ministerio de Economía y Competitividad. Term: 01-01-2012 a 31-12-2014
- Title: Epidemiología molecular y evolutiva de microorganismos patógenos. Principal Investigator: Fernando González-Candelas. Funding: Ministerio de Economía y Competitividad. Term: 01-01-2012 a 31-12-2014
- Title: Role of the microbiota in the defense against antibiotic resistant pathogens. Principal Investigator: Carles Ubeda. Funding: Marie Curie Actions. Term: 01-12-2012 a 30-11-2015
- Title: Interacción del microbioma y el viroma del intestino humano en condiciones de salud, enfermedad y estrés antibiótico. Principal Investigator: Andrés Moya. Funding: Ministerio de Economía y Competitividad. Term: 01-01-2013 a 31-12-2015
- Title: Global influenza hospital surveillance network. Principal Investigator: Joan Puig Barbera (Colaborator F. Xavier López-Labrador). Funding: Sanofi-Pasteur. Term: 01-01-2012 a 30-07-2016

TRANSFER:

- Report of possible transmission of hepatitis C virus between two patients from the university hospital "Virgen de la Victoria" (Málaga). Requested by "Junta de Andalucía". February 2013.
- Report of nosocomial outbreak of hepatitis C virus subtipo 2q in the public hospital "Marina Baixa"(Vila Joiosa, Alacant). Requested by "Dirección General de Salud Pública (Generalitat Valenciana)". June 2013.
- Report of community outbreak of hepatitis A virus in Castellón. Requested by "Dirección General de Salud Pública" (Generalitat Valenciana). September 2013.

THESIS: Tesis en curso: 7

- Thesis ongoing: 7

Thesis submitted (19-Abril-2013): Ana Durbán Vicente (International form: *cum laude*)



PROGRAMME:

**Epidemiology and Prevention
 of Chronic Diseases**

Group 24 Dirección General de Salud Pública de Murcia

Group Members

STAFF MEMBERS

Huerta Castaño, José María
 Salmerón Martínez, Diego

ASSOCIATED MEMBERS

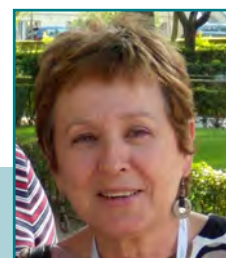
Chirlaque López, María Dolores
 Cirera Suarez, Lluís
 García Fulgueiras, Ana María
 García Ortuzar, Visitación
 García Pina, Rocío
 Gavrilá Chervase, Diana
 Guillén Pérez, José Jesús
 López Rojo, Concepción
 Mendiola Olivares, Jaime
 Navarro Mateu, Fernando
 Pérez Flores, Domingo
 Tormo Díaz, María José
 Torres Cantero, Alberto Manuel

CONTRIBUTORS

Anaya Suarez, Celia

Lead Researcher

Navarro Sánchez, Carmen



Contact:

Dirección General de Salud Pública de Murcia

Ronda de Levante, 11. 30008 Murcia

Phone: (+34) 968 362 039

E.mail: carmen.navarro@carm.es

Website: <http://www.imib.es/portal/investigacion/area.jsf?id=5>

Main lines of research

- CANCER EPIDEMIOLOGY.

The group has consolidated a cutting-edge research line on cancer over the last two decades by taking part in the cohort study European Prospective Investigation into Cancer and Nutrition (EPIC), on diet, cancer, and lifestyle and genetic interactions, and recently, by joining the MCC-Spain study on high-incidence tumours in Spain. Furthermore, the group has an active participation in international projects on cancer survival (EUROCARE, CONCORD, RARECARE), and information systems and cancer registries (REDEPICAN).

- EPIDEMIOLOGY OF CARDIOVASCULAR DISEASE, DIABETES, AND OTHER CHRONIC DISEASES.

The group participates in the DARIOS and FRESCO studies (on cardiovascular risk functions for the Spanish population), the EPIC-CVD study (a joint study of the effect of genetic factors, biomarkers, and life styles, on coronary heart disease and stroke in Europe), and the European case-cohort InterAct study (on diabetes and the interaction between genetic and modifiable life-style factors).. Other line of the group is the estimation of the burden of infectious diseases in Spain with a special focus on hepatitis B and C. On the epidemiology of neurological disorders, the group currently leads the PEGASUS-Murcia study, a population-based survey to know the prevalence of mental disorders, co-morbidities and related factors.

- ENVIRONMENTAL HEALTH, REPRODUCTIVE HEALTH, LIFE STYLES, AND DIET.

The group works in this research line on food and nutrient patterns, physical activity, and other life style factors, in relation to health. Other research interest focuses on reproductive health of young adults, and the study of its related factors, both endogenous and environmental.

- SOCIAL DETERMINANTS OF HEALTH. INEQUALITY, IMMIGRATION AND GENDER.

The project 'Health and Cultures' studies the health of the immigrant population and its determinant factors, in order to identify the specific needs and the barriers that limit health care of this minority. Other lines are the study of violence and gender determinants of health, and, within the MEDEA project, the study of economic and environmental inequalities on the morbidity and mortality in small areas of large cities in Spain.

Most relevant scientific articles

- BERNDT SI, SKIBOLA CF, JOSEPH V, CAMP NJ, NIETERS A, WANG Z. Genome-wide association study identifies multiple risk loci for chronic lymphocytic leukemia. *Nat Genet.* 2013 Aug;45(8):868-76.
- KREIMER AR, JOHANSSON M, WATERBOER T, KAAKS R, CHANG-CLAUDE J, DROGEN D. Evaluation of human papillomavirus antibodies and risk of subsequent head and neck cancer. *J Clin Oncol.* 2013 Jul 20;31(21):2708-15.
- HUERTA JM, CHIRLAQUE MD, TORMO MJ, GAVRILA D, ARRIOLA L, MORENO-IRIBAS C. Physical activity and risk of cerebrovascular disease in the European Prospective Investigation into Cancer and Nutrition-Spain study. *Stroke.* 2013 Jan;44(1):111-8.
- CIRERA L, HUERTA JM, CHIRLAQUE MD, BUCKLAND G, LARRAÑAGA N, SÁNCHEZ MJ. Unfavourable life-course social gradient of coronary heart disease within Spain: a low-incidence welfare-state country. *Int J Public Health.* 2013 Feb;58(1):65-77.
- NAVARRO-MATEU F, TORMO M, VILAGUT G, ALONSO J, RUÍZ-MERINO G, ESCÁMEZ T. Epidemiology and genetics of common mental disorders in the general population: the PEGASUS-Murcia project. *BMJ Open.* 2013 Dec 3;3(12):e004035.

Highlights

Through 2013, our group has published over 80 original papers in high-impact international scientific journals (sum of FI=414). It has also led relevant national and regional studies on cardiovascular disease (social position and coronary heart disease, physical activity and cerebrovascular disease), diabetes (anthropometric determinants), seminal quality in young population, and trends in suicide mortality, as well as studies on the epidemiology of mental disorders in the general population. Furthermore, the group has coordinated the REDEPICAN guide of external evaluation of cancer registries for Latin America (*Rev. Panam. Salud Pública*, 34:336-42). Jointly with other CIBERESP and international groups, our group has collaborated in important European or international projects, published in top scientific journals, such as the genetic mapping of chronic lymphocytic leukemia (Albright et al., *Nature Genetics*), or the prognostic value of antibodies against the human papillomavirus on the future risk of head and neck cancer (Kreimer et al., *J Clin Oncol*). The group further leads or actively collaborates in several projects ('Health and Cultures', PEGASUS-Murcia (PI12/00809, 2013I052), EPIC-InterAct, EPIC-CVD), and has received funding in the AES 2013 national call of the Carlos III Health Institute (PI13/01162) to update information on survivors of the EPIC-Murcia cohort. A further example of the international projection and leadership of the group is the creation in Murcia of a Partnership within the context of the European Innovation Partnership on Active and Healthy Ageing (EIP AHA), with the objective to address the social challenge of ageing, both in preserving health and active living as much as it is possible. Such Partnership, approved by the EU in 2013, is already involved as European partner in the project INclusive INtroduction of INtegrated CAre (IN3CA) (Grant Agreement No. 621006; ICT PSP Call).



PROGRAMME:

Ep. and Prev. Environmental
 and Occupational Diseases

**Medicina Medioambiental. Epidemiología Clínica y Ambiental.
 Oncología Básica y Clínica. Disrupción Endocrina**

Group Members

STAFF MEMBERS

Molina Molina, José Manuel
 Ramos Díaz, Rosa M^a del Pilar

ASSOCIATED MEMBERS

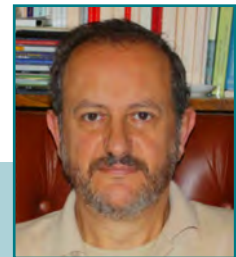
Campoy Folgoso, Cristina
 Fernández Cabrera, Mariana Fátima
 Freire Warden, Carmen
 Guirado Lorente, Damián
 Molina Font, Juan Antonio
 Pedraza Muriel, Vicente
 Villalobos Torres, Mercedes

CONTRIBUTORS

Calvente Ademuz, Irene

Lead Researcher

Olea Serrano, Nicolás



Contact:

Hospital Clínico San Cecilio
 Av. Doctor Olóriz, 16. 18012 Granada
 Phone: (+34) 958 244 049
 E.mail: nolea@ugr.es
 Website: http://cts206.ugr.es/datos_inicio/

Main lines of research

Multidisciplinary group created to investigate environmental causes of disease, particularly, malignant tumors and its basic and clinical aspects, with a strong character translational and applied to clinical practice. Both the epidemiology of malignant tumor disease as the diagnosis and treatment has been and are the object of attention. Especially:

- Research on environmental factors related to exposure to hormonally active chemical contaminants (endocrine disruption) and physical agents (ionizing and non-ionizing radiation).
- The diagnosis of tumor disease in its early stages and subsequent evolution by radiological techniques and molecular imaging.
- A holistic approach to the concept of health and environment based on: i) markers of exposure; ii) development of biomarkers combined effect; iii) research focused on mechanisms of gene-environment interaction; and iv) actions in prevention.

Most relevant scientific articles

- ARREBOLA JP, FERNÁNDEZ MF, OLEA N, RAMOS R, MARTÍN-OLMEDO P. Human exposure to p,p'-dichlorodiphenyldichloroethylene (p,p'-DDE) in urban and semi-rural areas in southeast Spain: a gender perspective. *Sci Total Environ*. 2013 Aug 1;458-460:209-16.
- ARREBOLA JP, PUMAREGA J, GASULL M, FERNÁNDEZ MF, MARTÍN-OLMEDO P, MOLINA-MOLINA JM, FERNÁNDEZ-RODRÍGUEZ M, PORTA M, OLEA N. Adipose tissue concentrations of persistent organic pollutants and prevalence of type 2 diabetes in adults from Southern Spain. *Environmental research*. 2013;122:31-7.
- VILAHUR N, MOLINA-MOLINA JM, BUSTAMANTE M, MURCIA M, ARREBOLA JP, BALLESTER F ET AL.. Male specific association between xenoestrogen levels in placenta and birthweight. *Environ Int*. 2013 Jan;51:174-81.
- RAMOS R, FREIRE C, JULVEZ J, FERNÁNDEZ MF, GARCÍA-ESTEBAN R, TORRENT M ET AL.. Association of ADHD symptoms and social competence with cognitive status in preschoolers. *Eur Child Adolesc Psychiatry*. 2013 Mar;22(3):153-64.
- AMAYA E, GIL F, FREIRE C, OLMEDO P, FERNÁNDEZ-RODRÍGUEZ M, FERNÁNDEZ MF ET AL.. Placental concentrations of heavy metals in a mother-child cohort. *Environ Res*. 2013 Jan;120:63-70.

Highlights

In 2013, our group has centered its activity in the area of environmental epidemiology, specially focused on the investigation of human exposure to endocrine disrupters and its consequences on human health. An important event was the organization of the 8th Spanish Conference on Endocrine Disruption, as a central activity of the 12th Spanish Meeting on Environmental Health.

Competitive financial support (see below) allowed us to publish 27 scientific publications included in the CR. As active member, our group took part in two sub-programs: Childhood and Environment (INMA) and Cancer multi-case/control Spain (MCC-Spain).

The leader of the group and some of its members participate actively in Experts' and Working Groups of the WHO and European Commission regarding Endocrine Disruption. As an example, they are responsible for a WHO monograph on ED and the SCEHNIR report "Bisphenol-A in Medical Devices". The leader became Scientific Director of the new Institute for Biomedical Research of Granada, under the auspicious of the Spanish ISCIII.

Financial support:

- Multiple exposures to endocrine disruptors in the cohort of children and environment INMA: new markers of hormonal exposure. FIS/ISCIII. PI11/00610. 298.319,45 €. 2012/2014. IP: N. Olea
- Implementation of an integral system of biomarkers of exposure and effect for the evaluation of the hormonal activity (endocrine disruption) of complex biological mixtures. Andalusian Regional Government. P09-CTS-5488. 298.000 €. 2010/2014. IP: N. Olea
- Biomonitoring of endocrine disrupting chemicals using advanced separation techniques. Andalusian Regional Government. P09-CTS-4470. 224.273,68 €. 2010/2014. IP: A. Navalón
- Children's exposure to BPA - polycarbonate and epoxy resins- and its relation with obesity, development and reproductive health. Andalusian Regional Government. PI-0675-2010. 52.500,00 €. 2011/2013. IP: MF. Fernández
- Total effective xenobiotic burden (TEXB) as a biomarker in human serum samples and study its relationship with breast adipose tissue in breast cancer patients. Andalusian Regional Government. PI-0513-2012. 20.954,66 €. 2013/2014. IP: JP Arrebola



**Grupo de Investigación en Epidemiología
 Clínica y Molecular del Cáncer**

PROGRAMME:
**Epidemiology and Prevention
 of Chronic Diseases**

Group Members

STAFF MEMBERS

Gasull Panadés, Magdalena
 Pumarega Rodríguez, José Antonio

ASSOCIATED MEMBERS

Alguacil Ojeda, Juan
 Casamitjana Abella, Montserrat
 Collet Divi, Immaculada
 Larrea Kilinger, Cristina
 Morales Bartolome, Eva

CONTRIBUTORS

Rovira Pons, Yolanda

Lead Researcher

Porta Serra, Miquel



Contact:

Consorcio Mar Parc de Salut de Barcelona
 C/ Dr. Aiguader, 88, 1ª Planta. 08003 Barcelona
 Phone: (+34) 93 316 07 00
<http://www.imim.es/programesrecerca/epidemiologia/grecm.html>

Main lines of research

- Clinical and molecular epidemiology of exocrine pancreatic cancer, chronic pancreatitis and cancer of the extrahepatic biliary system. This line of work is fundamentally focused on two projects, the PANKRAS I and PANKRAS II studies. They are a joint collaboration with research units of the cancer research programme of IMIM, as well as with other organizations such as CSIC, Centro Nacional de Investigaciones Oncológicas (CNIO), University Miguel Hernandez from Elx-Alacant, the Harvard School of Public Health and the National Institute of Child Health and Human Development de USA.
- Analysis of out patient and inpatient phases of the "Symptom to treatment interval" (STI) and its impact on survival. Early detection of breast cancer. This line of work is based on the Tumour Registry Working Group at the Hospital del Mar and on the "Breast Cancer Prevention Program" (IMAS/SCS).
- Concentrations of Persistent Organic Pollutants in the general population. This line of work is fundamentally focused on two projects, Blood concen-

Most relevant scientific articles

trations of Persistent Organic Pollutants in the population of Catalonia, a joint collaboration with Departament de Salut of Generalitat de Catalunya, and Blood concentrations of Persistent Organic Pollutants in the population of Barcelona, a joint collaboration with Agència de Salut Pública de Barcelona.

- GASULL M, PUMAREGA J, ROVIRA G, LÓPEZ T, ALGUACIL J, PORTA M. Relative effects of educational level and occupational social class on body concentrations of persistent organic pollutants in a representative sample of the general population of Catalonia, Spain. *Environ Int.* 2013 Oct;60:190-201.
- MACIÀ F, PUMAREGA J, GALLÉN M, PORTA M. Time from (clinical or certainty) diagnosis to treatment onset in cancer patients: the choice of diagnostic date strongly influences differences in therapeutic delay by tumor site and stage. *J Clin Epidemiol.* 2013 Aug;66(8):928-39.
- ESPINA C, PORTA M, SCHÜZ J, AGUADO IH, PERCIVAL RV, DORA C ET AL.. Environmental and occupational interventions for primary prevention of cancer: a cross-sectorial policy framework. *Environ Health Perspect.* 2013 Apr;121(4):420-6, 426e1-7.
- MORALES E, GASCÓN M, MARTÍNEZ D, CASAS M, BALLESTER F, RODRÍGUEZ-BERNAL CL ET AL.. Associations between blood persistent organic pollutants and 25-hydroxyvitamin D3 in pregnancy. *Environ Int.* 2013 Jul;57-58:34-41.
- GASCÓN M, MORALES E, SUNYER J, VRIJHEID M. Effects of persistent organic pollutants on the developing respiratory and immune systems: a systematic review. *Environ Int.* 2013 Feb;52:51-65.

Highlights

- PI12/00265 Asociación entre exposición laboral y cáncer en el estudio MulticasoControl sobre Cáncer MCC-Spain. PI: Dr. Juan Alguacil. Funding Entity: FIS. Duration: 01/01/2012 al 31/12/2015. Budget: 32.065,00€.
- LIFE10 ENV/IT/000327 Particles size and composition in Mediterranean countries: geographical variability and short-term health effects. PI: Dr. Massimo Stafoglia. Funding Entity: European Commission. Duration: 01/09/2011 al 31/08/2013. Budget: 901.579,00.
- CSO2010-18661 Cuerpos tóxicos: etnoepidemiología sociocultural de la contaminación interna por Compuestos Tóxicos Persistentes en España. PI: Dra. Cristina Larrea. Funding Entity: MICINN. Duration: 01/01/2011 al 31/12/2013. Budget: 52.000€.
- Anàlisi de l'estudi sobre compostos orgànics persistents en la població de la ciutat de Barcelona, en el marc de l'enquesta de salut. PI: Dr. Miquel Porta. Funding Entity: Agència de Salut Pública de Barcelona. Duration: 01/01/2012 al 31/12/2013.
- BBrain dEvelopment and Air polluTion ultrafine particles in sChool children (BREATH). PI: Jordi Sunyer Deu. Agency: EUROPEAN COMMISSION, ADVANCED RESEARCH GRANT. Budget: 2.499.230 €. Duration: from 2011 to 2016.



PROGRAMME:

**Epidemiology and Prevention
 of Chronic Diseases**

Epidemiología Cardiovascular y Nutricional

Group Members

STAFF MEMBERS

León Muñoz, Luz María

ASSOCIATED MEMBERS

Banegas Banegas, José Ramón

Graciani Pérez-Regadera, Auxiliadora

Guallar Castillon, Pilar

López García, Esther

Luis Gutiérrez-Fisac, Juan

Valencia Martín, José Lorenzo

Villar Álvarez, Fernando

Zuluaga Zuluaga, María Clemencia

Lead Researcher

Rodríguez Artalejo, Fernando



Contact:

Universidad Autónoma de Madrid
 Ctra. Colmenar Viejo, KM 15,500. 28049 Madrid
 Phone: (+34) 91 497 54 44
 E.mail: fernando.artalejo@uam.es

Main lines of research

Our strategic objective is to produce relevant information to support clinical and population-based policies aimed at controlling CVD. The results of our studies have been explicitly incorporated into the National Strategy for Ischemic Heart Disease Control, the National Strategy for Obesity Prevention and Control, and the National Strategy on Disease Prevention and health Promotion, elaborated by the Ministry of Health. Moreover, our research results have also supported the development of clinical guidelines in this field; specifically, the guidelines of the Spanish Society for Arterial Hypertension, and guidelines of the Spanish Society of Family Medicine, the leading society devoted to primary health care in Spain.

Our main research themes are:

- Determinants and consequences of frailty in the older adult.
- Improvement of diagnosis and prognosis of the patient with hypertension and heart failure.
- Diet and physical activity as determinants of obesity and cardiovascular risk in the elderly.

Most relevant scientific articles

- GRACIANI A, LEÓN-MUÑOZ LM, GUALLAR-CASTILLÓN P, RODRÍGUEZ-ARTALEJO F, BANEGAS JR. Cardiovascular health in a southern Mediterranean European country: a nationwide population-based study. *Circ Cardiovasc Qual Outcomes*. 2013 Jan 1;6(1):90-8.
- LEÓN-MUÑOZ LM, MARTÍNEZ-GÓMEZ D, BALBOA-CASTILLO T, LÓPEZ-GARCÍA E, GUALLAR-CASTILLÓN P, RODRÍGUEZ-ARTALEJO F. Continued sedentariness, change in sitting time, and mortality in older adults. *Med Sci Sports Exerc*. 2013 Aug;45(8):1501-7.
- MARTÍNEZ-GÓMEZ D, GUALLAR-CASTILLÓN P, LEÓN-MUÑOZ LM, LÓPEZ-GARCÍA E, RODRÍGUEZ-ARTALEJO F. Combined impact of traditional and non-traditional health behaviors on mortality: a national prospective cohort study in Spanish older adults. *BMC Med*. 2013 Feb 22;11:47.
- GOROSTIDI M, SARAFIDIS PA, DE LA SIERRA A, SEGURA J, DE LA CRUZ JJ, BANEGAS JR. Differences between office and 24-hour blood pressure control in hypertensive patients with CKD: A 5,693-patient cross-sectional analysis from Spain. *Am J Kidney Dis*. 2013 Aug;62(2):285-94.
- GUALLAR-CASTILLÓN P, MUÑOZ-PAREJA M, AGUILERA MT, LEÓN-MUÑOZ LM, RODRÍGUEZ-ARTALEJO F. Food sources of sodium, saturated fat and added sugar in the Spanish hypertensive and diabetic population. *Atherosclerosis*. 2013 Jul;229(1):198-205.

Highlights

The most relevant activities during 2013 have been the following:

- Conduction of the first population-based study in Europe on 24-hour ambulatory monitoring of blood pressure. This study will reveal the characteristics and determinants, mainly lifestyles, of circadian variations in blood pressure in the general population.
- Given the progressive growth of the older population in Europe during the next decades, new approaches should be developed for reducing the expected increase in dependency. Therefore, it is noteworthy that the group has secured funding from the Seventh Framework Programme of the European Union, to identify the determinants and consequences of the frailty syndrome (FRAILOMIC Initiative FP7-HEALTH-2012-Proposal No: 305483-2). This medical syndrome is a good predictor of disability and dependence in the elderly; therefore, a better understanding of frailty can help to guide new strategies for prevention and control of dependency.
- Among the transfer activities, we have coordinated the elaboration of the following Report for the Spanish Society of Epidemiology and the Office of the Ombudsman of Andalusia: Excess mortality and morbidity observed in several studies in El Campo de Gibraltar.



PROGRAMME:

Ep. and Prev. Environmental
and Occupational Diseases

Group 5 Neurotoxicidad Ambiental

Group Members

ASSOCIATED MEMBERS

Briz Herrezuelo, Víctor
Galofre Centelles, Mireia
Olguín Alderete, Nair Temis
Palou Serra, Aina
Suñol Esquirol, Cristina

Lead Researcher

Rodríguez Farré, Eduard



Contact:

Instituto de Investigaciones Biomédicas
C/ Rossello 161, 6ª Planta. 08036 Barcelona
Phone: (+34) 93 363 83 26
E.mail: erfnmc@iibb.csic.es · Website: www.iibb.csic.es

Main lines of research

- Neurotoxicity of environmental pollutants
- Biomarkers of exposure to mercury and persistent organochlorine pollutants
- Endocrine disruption induced by environmental pollutants in the central nervous system

Most relevant scientific articles

- MONTES DE OCA L, MORENO M, CARDONA D, CAMPA L, SUÑOL C, GALOFRÉ M. Long term compulsivity on the 5-choice serial reaction time task after acute Chlorpyrifos exposure. *Toxicol Lett.* 2013 Feb 4;216(2-3):73-85.
- SLAVÍKOVÁ B, BUJONS J, MATYÁŠ L, VIDAL M, BABOT Z, KRIŠTOFÍKOVÁ Z. Allopregnanolone and pregnanolone analogues modified in the C ring: synthesis and activity. *J Med Chem.* 2013 Mar 28;56(6):2323-36.
- REINER GN, DELGADO-MARÍN L, OLGUÍN N, SÁNCHEZ-REDONDO S, SÁNCHEZ-BORZONE M, RODRÍGUEZ-FARRÉ E. GABAergic pharmacological activity of propofol related compounds as possible enhancers of general anesthetics and interaction with membranes. *Cell Biochem Biophys.* 2013 Nov;67(2):515-25.
- J. MORAL-VICO, N. M. CARRETERO, E. PEREZ, C. SUÑOL, M. LICHTENSTEIN, N. CASAÑ-PASTOR. Dynamic electrodeposition of aminoacid-polypyrrole on aminoacid-PEDOT substrates: Conducting polymer bilayers as electrodes in neural systems. *ELECTROCHIM ACTA.* 2013;

Highlights

Study of the influence of prenatal exposure to environmental pollutants in glutamate levels in cord blood and in glutamate transport in human placenta. The study was conducted in collaboration with other CIBERESP groups of the INMA project. The main finding is that prenatal exposure to organochlorine contaminants correlates with decreased glutamate levels in cord blood of the newborn cohort in Valencia. It has also been observed that organochlorine contaminants and methylmercury induce a decrease of glutamate transport in placenta tissue. Moreover we have described that the neuromodulator activity of neurosteroid derivatives is determined by the lipophilicity of these endocrine agents. Finally, we have determined the behavioral alterations and neurochemical correlates delayed-induced by exposure to the environmental pollutant chlorpyrifos, of great importance in areas of intensive agriculture.



PROGRAMME:
**Social Determinants
 of Health**

Desigualdades Sociales en Salud

Group Members

STAFF MEMBERS

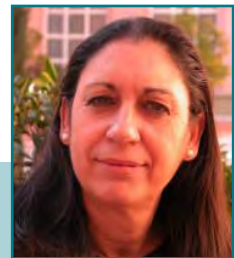
Martín Baena, David
 Ricci Cabello, Ignacio
 Rojas García, Antonio

ASSOCIATED MEMBERS

Bermúdez Tamayo, Clara
 Escriba Aguir, Vicenta
 Hernán García, Mariano
 Lacasaña Navarro, Mar
 Maroto Navarro, Gracia
 Montero Piñar, María Isabel
 Olry de Labry Lima, Antonio
 Soto Blanco, José Manuel

Lead Researcher

Ruíz Pérez, Isabel



Contact:

Escuela Andaluza de Salud Pública
 Cuesta del Obsevatorio, 4. 18011 Granada
 Phone: (+34) 958 027 400
 E.mail: isabel.ruiz.easp@juntadeandalucia.es
 Website: www.ciberesp.es

Main lines of research

- Social Inequalities, Gender Violence, Women's Health, Mental health, Crisis and Health

Most relevant scientific articles

- RICCI-CABELLO I, RUÍZ-PÉREZ I, NEVOT-CORDERO A, RODRÍGUEZ-BARRANCO M, SORDO L, GONÇALVES DC. Health care interventions to improve the quality of diabetes care in African Americans: a systematic review and meta-analysis. *Diabetes Care*. 2013 Mar;36(3):760-8.
- RICCI-CABELLO I, RUÍZ-PÉREZ I, ROJAS-GARCÍA A, PASTOR G, GONÇALVES DC. Improving diabetes care in rural areas: a systematic review and meta-analysis of quality improvement interventions in OECD countries. *PLoS One*. 2013;8(12):e84464.
- PÉREZ L, DECLERCQ C, IÑIGUEZ C, AGUILERA I, BADALONI C, BALLESTER F. Chronic burden of near-roadway traffic pollution in 10 European cities (APHEKOM network). *Eur Respir J*. 2013 Sep;42(3):594-605.
- ESCRIBÀ-AGÜIR V, ROYO-MARQUÉS M, ARTAZCOZ L, ROMITO P, RUÍZ-PÉREZ I, MARTÍN-BAENA D. Personal and psychosocial predictors of psychological abuse by partners during and after pregnancy: a longitudinal cohort study in a community sample. *BJOG*. 2013 Apr;120(5):576-82.
- ARTAZCOZ L, CORTÈS I, ESCRIBÀ-AGÜIR V, BARTOLL X, BASART H, BORRELL C. Long working hours and health status among employees in Europe: between-country differences. *Scand J Work Environ Health*. 2013 Jul;39(4):369-78.

Highlights

The group has won several major projects on a competitive and a Europe-wide

- Gender Violence during pregnancy and postpartum. Transfer of knowledge on gender violence
- Atlas of Gender inequalities and social determinants in Andalusia
- Adaptation to the evidence of obstetric interventions in Andalusia and Quebec: Decreased cesarean rate (multi)

He has made national reports:

- Economic evaluation of renal and liver transplants by donation process

He has participated and participates in two initiatives at European level:

- Participation in the European Observatory on Health Systems and Policies.

<http://www.euro.who.int/en/about-us/partners/observatory>

- Participation in the web portal and Health Crisis

<http://www.easp.es/crisis-salud/>



PROGRAMME:
**Social Determinants
 of Health**

Grupo de Investigación en Estadística, Econometría y Salud (GRECS)

Group Members

STAFF MEMBERS

Serra Saurina, Laura

ASSOCIATED MEMBERS

Barceló Rado, Maria Antònia
 Capo Artigues, Aina Maria
 Coenders Gallart, Germa
 Coll de Tuero, Gabriel
 Coromina Soler, Lluís
 González Raya, Sonia
 Ivina, Olga
 Marcos Gragera, Rafael
 Maynou Pujolràs, Laia
 Oscala Gelis, Gemma
 Puig Vives, Montserrat
 Renart Vicens, Gemma
 Saurina Canals, Carme
 Xabadia Palmada, M^a Àngela

Lead Researcher

Sáez Zafra, Marc

Contact:

Universitat de Girona
 Phone: (+34) 972 418 338
 E.mail: marc.saez@udg.edu
 Website: www.udg.edu/grecs

Main lines of research

HEALTH ECONOMETRICS

- Effects of the economic crisis on health
 Use of health services; Self-perception of health; Prevalence and incidence of metabolic syndrome; Suicides; Mental Health; Psychotropic Drugs
- Evaluation of public policies
- Evaluation of health technologies

EPIDEMIOLOGY

- Socioeconomic inequalities in health
- Environmental inequalities in health
- Clinical epidemiology - Cardiovascular Risk Factors
- Epidemiology of cancer
- Delinquency as a public health problem

Most relevant scientific articles

- PUIG-VIVES M, SÁNCHEZ MJ, SÁNCHEZ-CANTALEJO J, TORRELLA-RAMOS A, MARTOS C, ARDANAZ E. Distribution and prognosis of molecular breast cancer subtypes defined by immuno-histochemical biomarkers in a Spanish population-based study. *Gynecol Oncol.* 2013 Sep;130(3):609-14.
- SAURINA C, BRAGULAT B, SAEZ M, LÓPEZ-CASASNOVAS G. A conditional model for estimating the increase in suicides associated with the 2008-2010 economic recession in England. *Journal of Epidemiology and Community Health.* 2013;67(9):779-787.
- MATA-CASES M, BENITO-BADORREY B, ROURE-OLMEDA P, FRANCH-NADAL J, PEPIÓ-VILAUBÍ JM, SAEZ M, COLL-DE-TUERO G on behalf of the GEDAPS (Primary Care Group for the study of Diabetes) of the Catalanian Society of Family and Community Medicine). Clinical inertia in the treatment of hyperglycemia in type 2 diabetes patients in primary care. *Current Medical Research and Opinion.* 2013;29(11):1495-1502..
- MAYNADIÉ M, DE ANGELIS R, MARCOS-GRAGERA R, VISSER O, ALLEMANI C, TEREANU C ET AL.. Survival of European patients diagnosed with myeloid malignancies: a HAEMACARE study. *Haematologica.* 2013 Feb;98(2):230-8.
- OSCA-GELIS G, PUIG-VIVES M, SAEZ M, GALLARDO D, LLOVERAS N, MARCOS-GRAGERA R. Population-based incidence of myeloid malignancies: fifteen years of epidemiological data in girona province (Spain). *Haematologica.* 2013;98(8):e95-e97.

Highlights

During the year 2013 our group has published 23 scientific articles, 19 indexed in ISI JCR database. Of these 12 were located in the first quartile (ISI JCR 2012), 2 in the second, 1 in the third and 4 in the fourth quartile. We have also published a book.

On the other hand, 4 doctoral thesis have been defended within the group (the directors were members of our group), all in programs with honors and three of them at a program on international doctorate. All rated as 'apto cum laude'.

We continue with a competitive project (AES 2011) and obtained two non-competitive projects funded by the University of Girona.

We continue to belong to the group consolidado SGR (Generalitat of Catalonia), in addition to CIBER.

We have collaborated with other groups CIBERESP, with other foreign national groups and international groups, pointing out above all, our collaboration with the the CIBERESP Cases and Controls in Pandemic Influenza Working Group; members of the Ineq-Cities project (part of CIBERESP, part international) ; MCC Spain (CIBERESP); ICO (groups outside the CIBER); Department of Mathematics, University Jaume I, Castellón (group outside the CIBER); with CRES, UPF (group outside the CIBER); and with the group of Havard Rue (R INLA, international group).



PROGRAMME:
**Epidemiology and Prevention
 of Chronic Diseases**

Epidemiología y prevención del Cáncer y otras enfermedades crónicas

Group Members

STAFF MEMBERS

Molina Montes, María Esther

ASSOCIATED MEMBERS

García Gutiérrez, José Francisco

Martínez García, Carmen

Sánchez-Cantalejo Ramirez, Emilio

Lead Researcher

Sánchez Pérez, María José



Contact:

Escuela Andaluza de Salud Pública

Cuesta del Observatorio, 4. 18011 Granada

Phone: (+34) 670 946 679

E.mail: mariajose.sanchez.easp@juntadeandalucia.es

Website: <http://cancergranada.org>

Main lines of research

The Granada Cancer Registry (GCR), since its startup in 1985, has developed research projects produced by the GCR itself or in collaboration with other national or international institutions, along three main research lines:

- Descriptive epidemiology of cancer:
 - Temporal trends of cancer incidence in Granada for adults, children and adolescents
 - Survival of cancer in Granada
 - Estimates of cancer incidence and prevalence in Andalusia and Spain
 - Rare malignant tumors (RDR Spain): definition, incidence and survival.
 - Risk of second primary multiple tumors
- Risk factors for cancer and other chronic diseases, especially in the Framework of the EPIC project (European Prospective Investigation into Cancer and Nutrition)
 - Studies on the association between lifestyle factors, diet and other environmental factors with risk of cancer and other chronic diseases (diabetes, cardiovascular diseases,...).
 - Studies on the association between biomarkers of exposure (antioxidants, inflammation, oxidative stress, etc.) with risk of cancer and other chronic diseases.
 - Studies on gen*environment and gen*gen interactions and their association with risk of cancer and other chronic diseases.

Most relevant scientific articles

- Health care and outcomes assessment in cancer patients
 - Survival and patterns of care in cancer and variability in clinical practice (diagnostic methods, stage, treatment, tumor markers, second primary cancers, recurrences): differences between countries and geographical areas (EUROCARE, CONCORD and EMPARO-CU projects).
 - Surveillance and control of rare tumors in Spain and Europe (EUROCARE project).
- Mapping of the European funding in cancer research activities: bibliometric and health impact assessment (MAPPING_NCD project).
- PUIG-VIVES M, SÁNCHEZ MJ, SÁNCHEZ-CANTALEJO J, TORRELLA-RAMOS A, MARTOS C, ARDANAZ E. Distribution and prognosis of molecular breast cancer subtypes defined by immuno-histochemical biomarkers in a Spanish population-based study. *Gynecol Oncol.* 2013 Sep;130(3):609-14.
- MOLINA-MONTES E, POLLÁN M, PAYER T, MOLINA E, DÁVILA-ARIAS C, SÁNCHEZ MJ. Risk of second primary cancer among women with breast cancer: a population-based study in Granada (Spain). *Gynecol Oncol.* 2013 Aug;130(2):340-5.
- ZAMORA-ROS R, JIMÉNEZ C, CLERIES R, AGUDO A, SÁNCHEZ MJ, SÁNCHEZ-CANTALEJO E. Dietary flavonoid and lignan intake and mortality in a Spanish cohort. *Epidemiology.* 2013 Sep;24(5):726-33.
- STEFFEN A, SØRENSEN TI, KNÜPPEL S, TRAVIER N, SÁNCHEZ MJ, HUERTA JM. Development and validation of a risk score predicting substantial weight gain over 5 years in middle-aged European men and women. *PLoS One.* 2013;8(7):e67429.
- JAKSZYN P, LUJÁN-BARROSO L, AGUDO A, BUENO-DE-MESQUITA HB, MOLINA E, SÁNCHEZ MJ. Meat and heme iron intake and esophageal adenocarcinoma in the European Prospective Investigation into Cancer and Nutrition study. *Int J Cancer.* 2013 Dec 1;133(11):2744-50.

Highlights

Group 34 of the CIBERESP has received European funding to the project MAPPING_NCD and to coordinate one of the work packages (WP5) on cancer research activities. At the national level, a project on lifestyle factors and genetic susceptibility as predictors of cancer risk has been funded in 2013 by the Spanish Ministry of Economy by means of the AES (ISCIII, FIS). Our group is currently coordinating and/or participating in other 6 research projects.

Some members of our group were awarded in 2013 for their excellence in research: the best published article in epidemiology in 2012, given by the Spanish Society of Epidemiology (SEE), the best senior communication presented during the SEE congress, and the best poster presented during the congress of the International Association of Cancer Registries (IACR).

The scientific production of the group in terms of articles is 83 indexed publications, with the majority being produced through collaborative studies with national and international research groups (79.% of the articles were published in journals belonging to the first quartile). The total impact factor (IF) in 2013 is: 382.2. The mean IF per article is: 5.03; 37.3% of the articles belong to the 1st decile.

Within the Granada Cancer Registry, the data of cancer incidence in Granada of the period 1985-2007 has been published in the 5-yearly publication of Cancer Incidence in Five Continents, vol X (IARC). Also, data has been provided for the publication International Incidence of Childhood Cancer, Vol 3 and for the international projects EUROCARE-5 and CONCORD-2.

Our group has been also involved in the creation of the Instituto de Investigación Biosanitaria de Granada. The PI of our group is the coordinator of the "Cancer" area, which is one of the five fields of research led by this Institute.



PROGRAMMES:
P1 y P5*

Group 36

Group Members

STAFF MEMBERS

Alarcón Moral, Francesc
 Casabonne, Delphine

ASSOCIATED MEMBERS

Albero Abril, Ginesa
 Alemany Vilches, Laia
 Benavente Moreno, Yolanda
 Castellsague Pique, Xavier
 Domingo-Domenech, Eva
 Klaustermeier, Joellen
 Roura Fornells, Esther

Lead Researcher

De Sanjosé Llongueras, Silvia



Contact:

Institut Català d'Oncologia
 Phone: (+34) 93 260 78 12
 E.mail: adminicerp@iconcologia.net

http://www20.gencat.cat/portal/site/salut/menuitem.003a2436be9bc6ec3bfd8a10b0c0e1a0/?vgnextoid=9405f3766ba43310VgnVCM2000009b0c1e0aRCRD&vgnnextchannel=9405f3766ba43310VgnVCM2000009b0c1e0aRCRD&vgnnextfmt=default&newLang=es_ES

Main lines of research

EPIDEMIOLOGY, ETIOLOGY AND PREVENTION OF CANCERS RELATED TO HUMAN PAPILLOMA VIRUS (HPV)

- Studies of prevalence and HPV type distribution in cancers of the vulva, penis, vagina, anus, oral cavity, oro-pharynx and larynx (HPVVAPO study).
- Evaluation of cervical cancer screening program in Catalonia
- Phase III and phase IV studies of new generation vaccines
- Assessment of the burden of HPV-related diseases worldwide (HPV Information Center)
- Cost-effectiveness models of cervical cancer prevention
- Training and elearning programs on HPV associated cancer prevention (e-oncology)

EPIDEMIOLOGY AND ETIOLOGY OF LYMPHOID NEOPLASMS

- Epidemiology of chronic lymphocytic leukaemia (CLL) (MCC-Spain study)
 - Evaluation of environmental and occupational exposures
 - Genetic susceptibility
 - Sero-epidemiology of Epstein-Barr virus and poliovirus infections
- Evaluation of the association between human and viral miRNA in plasma and CLL
- Study of endemic Burkitt lymphoma and Epstein-Barr virus

* P1. Epidemiology and Prevention of Chronic Diseases.
 P5. Epidemiology and Prevention of Environmental and Occupational Diseases

Most relevant scientific articles

- International consortiums (InterLymph, Internacional Multiple Myeloma Consortium, Hodgkin Lymphoma Consortium).
 - Comprehensive evaluation of risk factors and different histologic lymphoma subtypes within an international consortium (InterLymph NHL Subtype Project).
 - Evaluation of hormonal and reproductive factors in multiple myeloma etiology (Internacional Multiple Myeloma Consortium).
 - Gene and environment interaction studies.
 - GWAS studies on follicular lymphoma, Hodgkin lymphoma and other subtypes.
- ALEMANY L, DE SANJOSÉ S, TOUS S, QUINT W, VALLEJOS C, SHIN HR. Time trends of human papillomavirus types in invasive cervical cancer, from 1940 to 2007. *Int J Cancer*. 2013 Nov 28;.
- CASTELLSAGUÉ X, PAWLITA M, ROURA E, MARGALL N, WATERBOER T, BOSCH FX. Prospective seroepidemiologic study on the role of Human Papillomavirus and other infections in cervical carcinogenesis: Evidence from the EPIC cohort. *Int J Cancer*. 2013 Dec 13;.
- MONNEREAU A, GLASER SL, SCHUPP CW, EKSTRÖM SMEDBY K, DE SANJOSÉ S, KANE E. Exposure to UV radiation and risk of Hodgkin lymphoma: a pooled analysis. *Blood*. 2013 Nov 14;122(20):3492-9.
- ROBLES C, VISCIDI R, MALATS N, SILVERMAN DT, TARDÓN A, GARCÍA-CLOSAS R. Bladder cancer and seroreactivity to BK, JC and Merkel cell polyomaviruses: the Spanish bladder cancer study. *Int J Cancer*. 2013 Aug 1;133(3):597-603.
- ROURA E, CASTELLSAGUÉ X, PAWLITA M, TRAVIER N, WATERBOER T, MARGALL N. Smoking as a major risk factor for cervical cancer and pre-cancer: Results from the EPIC cohort. *Int J Cancer*. 2013 Dec 13;.

Highlights

The Group 36 carries out studies in two major research areas:

- Epidemiology, etiology, prevention and control of HPV-related diseases research studies: Epidemiological studies on worldwide viral and strains distribution including participation and coordination of international studies on vaccination and the evaluation of the screening activities in Catalonia and monitoring the implementation of HPV vaccines in Catalonia (phase III and IV studies). Additionally, the group is leading studies on economic evaluation and modelling of cervical cancer prevention measures in Catalonia, Spain and other worldwide geographical regions. Likewise, the group leads the Information Centre on HPV and Cancer (<http://www.hpvcentre.net/>) on disease burden and carries out training and dissemination activities through the coordination and publication of monographs on HPV as well as an online educational program on oncology (<http://www.e-oncologia.org/>).
- Lymphoma epidemiology and etiology research studies: The group is involved in several multicenter studies: a) Within MCC_Spain coordinating the work associated to chronic lymphocytic leukaemia (CLL) and participates actively in the infections, family history, occupational, and reproductive factors working groups associated to prostate, colon, stomach and breast cancer; b) The EpiLymph study (non Hodgkin lymphoma, Hodgkin lymphoma and multiple myeloma) and its international enlargement (InterLymph). Interlymph is now producing a monograph on a comprehensive evaluation of risk factors and different lymphoma subtypes, including more than 24,000 controls and 17,000 cases, is being finished. The group is also working on several ongoing projects on gene and environment interaction in GWAS studies.
- The eBLEM study on endemic Burkitt lymphoma within the CREAL-ISGLOBAL and ICO collaboration exploring infectious, in particular EBV, and environmental interactions in Mozambique.



PROGRAMME:

**Epidemiology and Prevention
 of Chronic Diseases**

Epidemiología Cardiovascular y Nutricional

Group Members

STAFF MEMBERS

Cabañero Marimón, Marta
 Subirana Cachinero, Isaac

ASSOCIATED MEMBERS

Baena Díez, José Miguel
 Funtikova, Anna
 Molina Ferragut, Lluís
 Vila Domenech, Joan Salvador

CONTRIBUTORS

Gómez Pires, Esmeralda

Lead Researcher

Schröder, Helmut



Contact:

Consorcio Mar Parc de Salut de Barcelona
 C/ Dr. Aiguader, 88, 1ª Planta. 08003 Barcelona
 Phone: (+34) 93 316 07 09
 E.mail: hschroder@imim.es · Website: www.imim.es

Main lines of research

- **IMPACT OF DIET ON CARDIOMETABOLIC HEALTH.** Diet plays an important role in the prevention of chronic diseases. We have determined the association between diet (foods/beverages/nutrients/dietary patterns) and cardiovascular risk factors, such as dislipemia, lipid oxidation, and obesity in children and adults.
- **DEVELOPMENT AND VALIDATION OF SHORT ASSESSMENTS TOOLS.** An urgent need in dietary and physical activity assessment is the development of short tools that provide valid assessments of dietary quality for use in time-limited settings. Therefore, we developed and validated 3 short screeners for dietary quality assessment in adults. Currently we are validating a short physical activity screener in 150 boys and girls aged 6 to 10 year.
- **PREVALENCE AND IMPACT OF OBESITY ON CARDIOMETABOLIC HEALTH.** The obesity epidemic is one of the biggest current challenges for health policy. Surrogate measures of general and abdominal adiposity have been related to cardiometabolic risk in children, adolescents, and adults. We have analyzed the prevalence and trends in general and abdominal obesity in adults and children. Furthermore, we have determined the impact of adiposity on cardiovascular risk factors. Currently we are analyzing the impact of obesity on cardiovascular events in 50.000 Spaniards.

- **EFFECT OF A COMMUNITY BASED INTERVENTION PROGRAM TO PREVENT CHILDHOOD OBESITY.** The rapid growth of childhood obesity is a serious problem for public health worldwide. Spain has one of the highest prevalence rates of childhood overweight and obesity among OECD countries. A recent study reported 25,3% of Spanish children aged 8-13 were overweight and 9.6% were obese. Childhood obesity has a multifactorial aetiology. Unhealthy lifestyle such as inadequate diet and low physical activity is strongly related with weight gain.
- **COMMUNITY BASED INTERVENTIONS PROGRAMS (CBI) ARE A HOLISTIC APPROACH TO PREVENT CHILDHOOD OBESITY.** CBI act from all key sectors that influence childhood development (family, school, health professionals, sports, media, stores and food markets). However, there is limited information on the efficacy of CBI in Europe. Currently we are performing a parallel intervention study including 2249 children aged 8 to 10 years from 4 Spanish towns to determine the efficacy of a CBI on the prevention of childhood obesity and modification of lifestyle.

Most relevant scientific articles

- SCHRÖDER H, MENDEZ MA, GÓMEZ SF, FÍTO M, RIBAS L, ARANCETA J ET AL.. Energy density, diet quality, and central body fat in a nationwide survey of young Spaniards. *Nutrition*. 2013 Nov-Dec;29(11-12):1350-5.
- ROVIRA MA, GRAU M, CASTAÑER O, COVAS MI, SCHRÖDER H, REGICOR INVESTIGATORS. Dietary supplement use and health-related behaviors in a Mediterranean population. *J Nutr Educ Behav*. 2013 Sep-Oct;45(5):386-91.
- GUASCH-FERRÉ M, BULLÓ M, MARTÍNEZ-GONZÁLEZ MÁ, ROS E, CORELLA D, ESTRUCH R ET AL.. Frequency of nut consumption and mortality risk in the PREDIMED nutrition intervention trial. *BMC Med*. 2013 Jul 16;11:164.
- ESTRUCH R, ROS E, SALAS-SALVADÓ J, COVAS MI, CORELLA D, ARÓS F ET AL.. Primary prevention of cardiovascular disease with a Mediterranean diet. *N Engl J Med*. 2013 Apr 4;368(14):1279-90.
- SUBIRANA I, GONZÁLEZ JR. Genetic association analysis and meta-analysis of imputed SNPs in longitudinal studies. *Genet Epidemiol*. 2013 Jul;37(5):465-77.

Highlights

IMPACT OF DIET ON CARDIOMETABOLIC HEALTH: Key References: *Br J Nutr* 2014; *Eur J Pediatr* 2014; *Nutrition* 2013; *Obesity Facts* 2012; *Int J Pediatr Obes* 2010; *Eur J Nutr* 2010; *Public Health Nutr* 2010; *Am J Clin Nutr* 2009a; *Am J Clin Nutr* 2009b; *Br J Nutr* 2009; *J Nutr* 2008; *Eur J Nutr* 2007; *J Nutr* 2007; *Am J Clin Nutr* 2006; *Free Radical Biol Med* 2006; *Int J Obesity* 2006; *J Nutr* 2004; *Br J Nutr* 2003.

DEVELOPMENT AND VALIDATION OF SHORT ASSESSMENTS TOOLS: Key References: *Eur J Clin Nutr* 2012; *Public Health Nutr* 2012; *J Nutr* 2011.

PREVALENCE AND IMPACT OF OBESITY ON CARDIOMETABOLIC HEALTH: Key References: *Plos One* 2014; *Eur J Nutr* 2013; *Clin Cardiol* 2010; *Diab Res Clin Pract* 2009; *Br J Nutr* 2008; *Obesity Res* 2007.

EFFECT OF A COMMUNITY BASED INTERVENTION PROGRAM TO PREVENT CHILDHOOD OBESITY: ON GOING.

Group 40

Group Members

STAFF MEMBERS

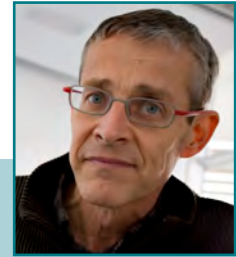
Cirugeda Bolós, Lourdes
 Delgado Llobet, Ana
 García Esteban, Raquel
 Gros Monné, Susana
 Murcia Hinarejos, Mario Jesús
 Sempere Orts, María

ASSOCIATED MEMBERS

Agis Cherta, David
 Aguilera Jiménez, Immaculada
 Anto Boque, Josep Maria
 Arbillaga Etxarri, Ane
 Basagaña Flores, Xavier
 Benet Mora, Marta
 Borrás Santos, Alicia
 Bouso Castillo, Laura
 Bustamante Pineda, Mariona
 Casas Ruíz, Lidia
 Donaire González, David
 Fochs Casas, Silvia
 Foraster Pulido, Maria
 García Aymerich, Judith
 Gascón Merlos, Mireia
 Gimeno Santos, Elena
 Guxens Junyent, Mònica
 Júlviz Calvo, Jordi
 López Vicente, Mónica
 Persavento, María Cecilia
 Pey Rosell, Nuria
 Pinart Gilberga, Mariona
 Rivas Lara, Ioar
 Rojas Rueda, David
 Sarra Pons, Ignasi
 Torrent Quetglas, Matias
 Vafeiadi, Marina
 Valvi, Damaskini
 Vilahur Chiaraviglio, Nadia
 Vrijheid, Martine

Lead Researcher

Sunyer Deu, Jordi



Contact:

Centre de Recerca en Epidemiologia Ambiental (CREAL)
 C/ Doctor Aiguader 88 1ª planta Edifici PRBB
 08003 Barcelona · Phone: (+34) 93 214 73 40
 E.mail: jsunyer@creal.cat
 Website: www.creal.cat

Main lines of research

Pre and post-natal life are critical periods in the origins of chronic diseases, such as obesity, the metabolic syndrome, cognitive development, and the origins of asthma and allergy.

The major scientific objective is: To perform epidemiological studies on the early life origins of the neurodevelopment, the obesity and metabolic syndrome and allergy and asthma.

SCIENTIFIC OBJECTIVES:

- To discover the effects of early life environmental factors (i.e., traffic, indoor air pollution, fish intake) on brain function, lung function and asthma/allergy.
- To investigate the role of environmental agents (i.e., DDE, BPA, PFCs, endocrine disruptors) on obesity and metabolic syndrome, and on asthma and the immune system.
- To identify early epigenetic markers of neurodevelopment, obesity and growth, and asthma, as well as the gene-environmental interactions related to asthma and COPD progression.
- To develop methods on omics in child health studies and methods on the statistical analysis of these data.
- To extend the program to a global health agenda following collaboration on risk balance of indoor residual spraying and indoor biofuel mass combustion.
- To assess the effects of physical activity and diet in asthma/allergy, obesity and COPD. To assess the phenotypic heterogeneity and the comorbidities of respiratory and allergic diseases and COPD.

Most relevant scientific articles

- RIVERA, MARCELA; BASAGANA, XAVIER; AGUILERA, INMACULADA; FORASTER, MARIA; AGIS, DAVID; DE GROOT, ERIC; PÉREZ, LAURA; MENDEZ, MICHELLE A.; BOUSO, LAURA; TARGA, JAUME; RAMOS, RAFAEL; SALA, JOAN; MARRUGAT, JAUME; ELOSUA, ROBERTO; KUNZLI, NINO. Association between Long-Term Exposure to Traffic-Related Air Pollution and Subclinical Atherosclerosis: The REGICOR Study ENVIRONMENTAL HEALTH PERSPECTIVES. 2013;
- JULVEZ J, ALVAREZ-PEDREROL M, REBAGLIATO M, MURCIA M, FORNS J, GARCÍA-ESTEBAN R ET AL.. Thyroxine levels during pregnancy in healthy women and early child neurodevelopment. Epidemiology. 2013 Jan;24(1):150-7.
- AGUILERA I, PEDERSEN M, GARCÍA-ESTEBAN R, BALLESTER F, BASTERRECHEA M, ESPLUGUES A ET AL.. Early-life exposure to outdoor air pollution and respiratory health, ear infections, and eczema in infants from the INMA study. Environ Health Perspect. 2013 Mar;121(3):387-92.
- CASAS M, CHATZI L, CARSIN AE, AMIANO P, GUXENS M, KOGEVINAS M ET AL.. Maternal pre-pregnancy overweight and obesity, and child neuropsychological development: two Southern European birth cohort studies. Int J Epidemiol. 2013 Apr;42(2):506-17.
- DONAIRE-GONZÁLEZ, DAVID; GIMENO-SANTOS, ELENA; BALCELLS, EVA; RODRÍGUEZ, DIEGO A.; FARRRERO, EVA; DE BATLLE, JORDI; BENET, MARTA; FERRER, ANTONI; BARBERA, JOAN A.; GEÀ, JOAQUIM; RODRÍGUEZ-ROISIN, ROBERT; ANTO, JOSEP M.; GARCÍA-AYMERICH, JUDITH. Physical activity in COPD patients: patterns and bouts EUROPEAN RESPIRATORY JOURNAL. 2013;

Highlights

Pre and post-natal life are critical periods in the origins of chronic diseases, such as obesity, the metabolic syndrome, cognitive development, and the origins of asthma and allergy. However, our current understanding of how chronic diseases develop during fetal life and childhood is still very limited. Still few isolated risk factors have been assessed and its causal mechanisms are poorly understood. We propose that:

1. The epidemiological studies by applying birth cohorts from the general population is a successful strategy for unraveling the complex multicausal origins of chronic disease.
2. Potentially harmful environmental and behavioral factors should be assessed at a much wider scale through a better integration of the omics. This has been significantly consolidated with the leadership (PI M Vrijheid) of the Helix Project to develop the exposome in birth cohorts and the leadership of J Garcia-Aymerich developing new methods for unsupervised statistics.
3. The integration of imaging together with the 'exposome' in epidemiological studies opens new opportunities for understanding the underlying mechanisms. An area of particular interest in our group is the understanding of which and how environmental risks play a detrimental role on neurodevelopment during the fetal and first years of life, an effort promoted by the ERC-Adv Breathe project (PI J Sunyer).
4. The alliance with CRESIB under the ISGlobal opens opportunities to enlarge studies to a global context.
5. The environmental determinants of respiratory diseases are leading causes of DALYs worldwide: particulate matter, physical inactivity and low physical activity occupational particulate matter, gasses and fumes, ozone pollution and occupational asthmogens. Increasing research shows that asthma and COPD are complex phenotypes whose definitions and classification need to be reconsidered. We have consolidated as scientific leaders in these fields, by leading and participating in large national and international projects.



PROGRAMME:
**Ep. and Prev. Environmental
 and Occupational Diseases**

Group 53 Grupo Epidemiología Molecular Uniovi

Group Members

STAFF MEMBERS

Fernández Somoano, Ana

ASSOCIATED MEMBERS

Álvarez Avellón, Sara

Arias Diaz, María Cristina

Ezama Coto, Esteban

Fernández Rubio, Aida

García Alvarez, Arturo

García Castro, Laura

González Arriaga, Patricia

Guate Ortiz, José Luis

Leader, Alexandra

Menéndez Crispín, Avelino

Pascual Pascual, María Teresa

Riaño Galán, Isolina

Rivas Del Fresno, Manuel

Souto García, Ana

Suárez Menéndez, María Etelvina

Velasco Alonso, Julio

Lead Researcher

Tardón García, Adonina



Contact:

Facultad de Medicina

C/ Julián Clavería 6. 33006 Oviedo

Phone: (+34) 985 103 556 · E.mail: atardon@uniovi.es

http://www.uniovi.es/Oncologia/index.php?option=com_content&view=article&id=71&Itemid=163&lang=es

Main lines of research

CAPUA STUDY (LUNG CANCER in ASTURIAS). It is the largest epidemiological study in Spain in lung cancer research with 880 incident cases and 844 controls with demographic data, history of cancer and potential risk factors, and 24 SNPs genotyped.

In 2010 is integrated into the International Lung Cancer Consortium of the International Agency for Research on Cancer. It has also been incorporated into the SYNERGY project, which brings together several European case-control studies to analyze the effects of exposure to occupational carcinogens in the development of lung cancer.

SPANISH BLADDER CANCER STUDY. In Asturias it was initiated in 1997 as a collaborative project of the IMIM, DCEG INC in USA, and the University of Oviedo for assessing the risk of bladder cancer in relation to environmental and occupational exposures, lifestyle, genetic susceptibility and its interaction with environmental exposure. It is also evaluating molecular genetic and clinical factors associated with survival.

INMA PROJECT - Childhood and Environment. It was created with the aim of studying the role of the most important environmental pollutants in air, water and diet during pregnancy and early life, and its effects on infant growth and development. Asturias INMA Cohort in the III health area, begins in 2004 and follows 485 pregnant women from the 12th week of pregnancy and their children up to 7-8 years.

MCC SPAIN. Poblational multicase-control study that was initiated in 2008 with funding from the Transversal Action in Cancer, to investigate the influence of environmental factors and their interaction with genetic factors in common or with peculiar epidemiologic characteristics tumors in our country (colorectal, breast, stomach, prostate and chronic lymphatic leukemia).

Most relevant scientific articles

- BALBÁS-MARTÍNEZ C, SAGRERA A, CARRILLO-DE-SANTA-PAU E, EARL J, MÁRQUEZ M, VÁZQUEZ M ET AL.. Recurrent inactivation of STAG2 in bladder cancer is not associated with aneuploidy. *Nat Genet.* 2013 Dec;45(12):1464-9.
- KENDZIA B, BEHRENS T, JÖCKEL KH, SIEMIATYCKI J, KROMHOUT H, VERMEULEN R ET AL.. Welding and lung cancer in a pooled analysis of case-control studies. *Am J Epidemiol.* 2013 Nov 15;178(10):1513-25.
- FERNÁNDEZ-SOMOANO A, HOEK G, TARDON A. Relationship between area-level socioeconomic characteristics and outdoor NO2 concentrations in rural and urban areas of northern Spain. *BMC Public Health.* 2013 Jan 25;13(1):71.
- ROBLES C, VISCIDI R, MALATS N, SILVERMAN DT, TARDON A, GARCÍA-CLOSAS R. Bladder cancer and seroreactivity to BK, JC and Merkel cell polyomaviruses: the Spanish bladder cancer study. *Int J Cancer.* 2013 Aug 1;133(3):597-603.
- TAJUDDIN SM, AMARAL AF, FERNÁNDEZ AF, RODRÍGUEZ-RODERO S, RODRÍGUEZ RM, MOORE LE ET AL.. Genetic and non-genetic predictors of LINE-1 methylation in leukocyte DNA. *Environ Health Perspect.* 2013 Jun;121(6):650-6.

Highlights

The INMA COHORT Asturias in 2013 we have been awarded the project FISS Health Action FISPI13/02429 called, "Environmental Pollution by persistent exposure to toxic compounds and effects on child physical, visual and cognitive development" The objective of this project is to evaluate the effect of the exposure to environmental pollutants during the pre-and postnatal to the physical, visual and cognitive development of children. We will evaluate the effect of exposure to phthalates, dioxins (polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD / Fs), metals (Hg, Pb, As, Cd, Ni, Cr, Cu and Zn) and PCBs polychlorinated biphenyls and brominated (polybrominated diphenyl ethers PBDs). The study population consisted of 453 children 7-8 years of Asturias INMA cohort. INMA Cohort Asturias, has 457 children at 7-8 years follow-up, that representing a response rate of parents of a 96.41%.

During the year 2013 the CAPUA study, has continued with its analysis of own goals (publication of two articles in conjunction with the CNE of the ISCIII on incineration and cancer and lung cancer and proximity to industries.

We have also published three papers in reference to exposure etiology and subsequent risk of hairdresser, bakery and confectionery workers and welders. These analyses are carried out in conjunction with the SYNERGY project of IARC.

And we have integrated on two ambitious joint projects of the National Institutes of Health, in collaboration with the IARC ILCCO Consortium:

- Pooled Analysis for Small Cell Lung Cancer (David Christiani et al): This is a proposal to examine the factors associated with small cell lung cancer in details, for both its etiology and prognosis and the
- Dataset for Genome-wide Association Study of Common Cancers – The GAME-ON Consortium (OncoChip) to the NIH Database of Genotypes and Phenotypes (dbGaP).

The study SPANISH BLADDER CANCER ongoing analyses include the evaluation of occupational exposures, the evaluation of infections, survival analysis and tumour markers and mostly the completion of a GWAS by the US NCI in which the SBSCS has been one of the core studies.

As we have collaborated transfer and scientifically advised the Ministry of Health of the Autonomous Communities of Asturias on the subject of Water and Health.

Adonina Tardon has been a member of the working group that drew up the guidelines clinics of the Hospital San Agustín de Avilés: benign hyperplasia of prostate and occupational health and promotion of physical exercise at work.

The background is a solid teal color with a complex, layered geometric pattern of lines and shapes. A large, thin white circle is centered on the page, partially overlapping the text.

6

Annex

Annex. List of publications

- Abbas S, Linseisen J, Rohrmann S, Chang-Claude J, Peeters PH, Engel P, Brustad M, Lund E, Skeie G, Olsen A, Tjønneland A, Overvad K, Boutron-Ruault MC, Clavel-Chapelon F, Fagherazzi G, Kaaks R, Boeing H, Buijsse B, Adarakis G, Ouranos V, Trichopoulos A. Masa Dietary Intake of Vitamin D and Calcium and Breast Cancer Risk in the European Prospective Investigation into Cancer and Nutrition Nutr Cancer. 23441605
- Abraira V, Muriel A, Emparanza JI, Pijoan JI, Royuela A, Plana MN, Cano A, Urreta I, Zamora J. Reporting quality of survival analyses in medical journals still needs improvement. A minimal requirements proposal. J Clin Epidemiol. 24018345
- Acuña-Izcaray A, Sánchez-Angarita E, Plaza V, Rodrigo G, Montes de Oca M, Gich I, Bonfill X, Alonso-Coello P. Quality assessment of asthma clinical practice guidelines: a systematic appraisal. Chest 23450305
- Adam P, Permanyer-Miralda G. Research in health sciences, co-responsibility and social impact. Med Clin (Barc). 23664033
- Afeiche M, Williams PL, Mendiola J, Gaskins AJ, Jorgensen N, Swan SH, Chavarro JE. Dairy food intake in relation to semen quality and reproductive hormone levels among physically active young men. Hum Reprod. 23670169
- Agudelo-Suarez, A; Ronda, E; Vázquez-Navarrete, ML; García, AM; Martínez, JM; Benavides, FG. Impact of economic crisis on mental health of migrant workers: what happened with migrants who came to Spain to work? Int J Public Health. 23665911
- Agudo A, Bonet C, Sala N, Muñoz X, Aranda N, Fonseca A, Clavel-Chapelon F, Boutron-Ruault MC, Vineis P, Panico S, Palli D, Tumino R, Grioni S, Quirós JR, Molina E, Navarro C, Barricarte A, Chamosa S, Allen NE, Khaw KT, Bueno-de-Mesquita HB, Siersema PD, Numa. Hemochromatosis (HFE) gene mutations and risk of gastric cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. Carcinogenesis. 23389292
- Agüero F, Dégano IR, Subirana I, Grau M, Zamora A, Sala J, Ramos R, Treserras R, Marrugat J, Elosua R. Impact of a partial smoke-free legislation on myocardial infarction incidence, mortality and case-fatality in a population-based registry: the REGICOR Study. PLoS ONE 23372663
- Aguilar-Garduño C, Lacasaña M, Blanco-Muñoz J, Rodríguez-Barranco M, Hernández AF, Bassol S, González-Alzaga B, Cebrián ME. Changes in male hormone profile after occupational organophosphate exposure. A longitudinal study. Toxicology. 23153546
- Aguilera I, Pedersen M, García-Esteban R, Ballester F, Basterrechea M, Esplugues A, Fernández-Somoano A, Lertxundi A, Tardón A, Sunyer J. Early-life exposure to outdoor air pollution and respiratory health, ear infections, and eczema in infants from the INMA study. Env Health Perspect. 23221880
- Aguilera, I (Aguilera, Inmaculada)[1,2] ; Basagana, X (Basagana, Xavier)[1,2] ; Pay, MT (Teresa Pay, Maria)[3] ; Agis, D (Agis, David)[1,2] ; Bouso, L (Bouso, Laura)[1,2] ; Foraster, M (Foraster, Maria)[1,2,4] ; Rivera, M (Rivera, Marcela)[5] ; Baldasano, JM (Maria Baldasano, Jose)[3,6] ; Kunzli, N (Kuenzli, Nino)[7,8]. Evaluation of the CALIOPE air quality forecasting system for epidemiological research: The example of NO2 in the province of Girona (Spain). ATMOSPHERIC ENVIRONMENT.
- Agustí C, Fernández L, Mascort J, Carrillo R, Casabona J; en nombre del Grupode Trabajo del Diagnóstico Precoz del VIH en Atención Primaria en España. Barreras para el diagnóstico de las Infecciones de Transmisión Sexual y VIH en Atención Primaria en España. Enferm Infecc Microbiol Clin. 23428311
- Agustí C, Fernández-López L, Mascort J, Carrillo R, Aguado C, Montoliu A, Puigdemolas X, De La Poza M, Rifà B, Casabona J. Acceptability of rapid HIV diagnosis technology among primary healthcare practitioners in Spain. AIDS Care. 23061873
- Aigner J, Villatoro S, Rabionet R, Roquer J, Jiménez-Conde J, Martí E, Estivill X. A common 56-kilobase deletion in a primate-specific segmental duplication creates a novel butyrophilin-like protein. BMC Genet. 23829304
- Akl EA, Johnston BC, Alonso-Coello P, Neumann I, Ebrahim S, Briel M, Cook DJ, Guyatt GH. Addressing dichotomous data for participants excluded from trial analysis: a guide for systematic reviewers. PLoS ONE. 23451162
- Albero G, Villa LL, Lazcano-Ponce E, Fulp W, Papenfuss MR, Nyitray AG, Lu B, Castellsagué X, Abrahamsen M, Smith D, Bosch FX, Salmerón J, Quiterio M, Giuliano AR. Male circumcision and prevalence of genital human papillomavirus infection in men: a multinational study. BMC Infect Dis. 23327450

- Aleksandrova K;Drogan D;Boeing H;Jenab M;Bueno-de-Mesquita HB;Jansen E;van Duijnhoven FJ;Rinaldi S;Fedirko V;Romieu I;Kaaks R;Riboli E;Gunter MJ;Romaguera D;Westphal S;Overvad K;Tjønneland A;Halkjaer J;Bouttronruault M;Clavel-Chapelon F;Lukanova A;Trichopoulou A;Trichopoulos D;Vidalis P;Panico S;Agnoli C;Palli D;Tumino R;Vineis P;Buckland G;Sanchez-Cruz JJ;Dorransoro M;Diaz MJ;Barricarte A;Quiros JR;Peeters PH;May A;Hallmans G;Palmqvist R;Crowe FL;Khaw KT;Wareham N;Pischon T; Adiposity, mediating biomarkers and risk of colon cancer in the european prospective investigation into cancer and nutrition study. *Int J Cancer*. 23824948
- Alhambra-Rodriguez de Guzmán C, Picazo-Yeste J, Tenías-Burillo JM, Moreno-Sanz C. Improved outcomes of incarcerated femoral hernia: a multivariate analysis of predictive factors of bowel ischemia and potential impact on postoperative complications. *Am J Surg*. 23021195
- Allemani C, Minicozzi P, Berrino F, Bastiaannet E, Gavin A, Galceran J, Ameijide A, Siesling S, Mangone L, Ardanaz E, Hédelin G, Mateos A, Micheli A, Sant M; EURO CARE Working Group. Predictions of survival up to 10 years after diagnosis for European women with breast cancer in 2000-2002. *Int J Cancer*. 23047687
- Allemani C, Sant M, Weir HK, Richardson LC, Baili P, Storm H, Siesling S, Torrella-Ramos A, Voogd AC, Aareleid T, Ardanaz E, Berrino F, Bielska-Lasota M, Bolick S, Cirilli C, Colonna M, Contiero P, Cress R, Crocetti E, Fulton JP, Grosclaude P, Hakulinen T, I. Breast cancer survival in the US and Europe: a CONCORD high-resolution study. *Int J Cancer*. 22815141
- Allen NE, Appleby PN, Key TJ, Bueno-de-Mesquita HB, Ros MM, Kiemeny LA, Tjønneland A, Roswall N, Overvad K, Weikert S, Boeing H, Chang-Claude J, Teucher B, Panico S, Sacerdote C, Tumino R, Palli D, Sieri S, Peeters P, Quiros JR, Jakszyn P, Molina-Montes E. Macronutrient intake and risk of urothelial cell carcinoma in the European prospective investigation into cancer and nutrition. *Int J Cancer*. 22618737
- Allory Y, Beukers W, Sagrera A, Flandez M, Marques M, Marquez M, van der Keur KA, Dyrskjot L, Lurkin I, Vermeij M, Carrato A, Lloreta J, Lorente JA, Carrillo-de Santa Pau E, Masius RG, Kogevinas M, Steyerberg EW, van Tilborg AA, Abas C, Orntoft TF, Zuiverloon TC, Malats N, Zwarthoff EC, Real FX. Telomerase reverse transcriptase promoter mutations and bladder cancer: High frequency across stages, detection in urine, and lack of association with outcome. *Eur Urol*. 24018021
- Almansa J, Vermunt J, Forero CG, Alonso J, on behalf of the ESEMeD (MHEDEA 2000) investigators. A factor mixture model for multivariate survival data. An application to the analysis of lifetime mental disorders. *J R Stat Soc Ser C Appl Stat*.
- Almirall J, Bolibar I, Serra-Prat M, Palomera E, Roig J, Hospital I, Carandell E, Agustí M, Ayuso P, Estela A, Torres A; Community-Acquired Pneumonia in Catalan Countries (PACAP). Relationship between the Use of Inhaled Steroids for Chronic Respiratory Diseases and Early Outcomes in Community-Acquired Pneumonia. *PLoS One*. 24039899
- Alonso C, Larburu I, Bon E, González MM, Iglesias MT, Urreta I, Emparanza JI.. Efficacy of petrolatum Jelly for the prevention of diaper rash: A Randomized clinical trial. *J Spec Pediatr Nurs*. 23560584
- Alonso de Leciana M, Huertas N, Egido JA, Muriel A, García A, Ruiz-Ares G, Díez-Tejedor E, Fuentes B. Questionable reversal of anticoagulation in the therapeutic management of cerebral haemorrhage associated with vitamin K antagonists. *Thromb Haemost*. 24030842
- Alonso J*, Vilagut G, Adroher ND, Chatterji S, He Y, Andrade LH, Bromet E, Bruffaerts R, Fayyad J, Florescu S, de Girolamo G, Gureje O, Haro JM, Hinkov H, Hu Ch, Iwata N, Lee S, Levinson D, Lepine JP, Matschinger H, Medina-Mora ME, O'Neill S, Ormel J, Posada-Villa JA, Ismet Taib N, Xavier M, Kessler RC. Disability mediates the impact of common conditions on perceived health. *PLoS One*. 23762442
- Alonso MD, Martínez-Vázquez F, Riancho-Zarrabeitia L, Díaz de Terán T, Miranda-Filloo JA, Blanco R, González-Juanatey C, Llorca J, González-Gay MA. Sex differences in patients with systemic lupus erythematosus from Northwest Spain. *Rheumatol Int*. 23812032
- Alonso P, López-Solà C, Gratacós M, Fullana MA, Segalàs C, Real E, Cardoner N, Soriano-Mas C, Harrison BJ, Estivill X, Menchón JM. The interaction between Comt and Bdnf variants influences obsessive-compulsive-related dysfunctional beliefs.. *J Anxiety Disord*. 23602946
- Alonso PL, Tanner M.. Public health challenges and prospects for malaria control and elimination. *Nat Med*. 23389615
- Alonso-Coello P, Rigau D, Solà I, Martínez García L.. Formulating health care recommendations: The GRADE system. *Med Clin (Barc)*. 23246171
- Alonso-Coello P, Solà I, Ferreira-González I.. Formulating Recommendations With GRADE: A Matter of Confidence. *Rev Esp Cardiol*. 23182368
- Alós Cortés JI, Andreu Domingo A, Arribas Mir L, Cabero Roura L, de Cueto López M, López Sastre J, Melchor Marcos JC, Puertas Prieto A, de la Rosa Fraile M, Salcedo Abizanda S, Sánchez Luna M, Sanchez Pérez MJ, Torrejon Cardoso R. Prevention of Neonatal Group B Streptococcal Infection. Spanish Recommendations. Update 2012. SEIMC/SEGO/SEN/SEQ/SEMFYC Consensus Document. *Enferm Infecc Microbiol Clin*. 22658283
- Altet MN, Vidal R, Milá C, Rodrigo T, Casals M, Mir I, Ruiz-Manzano J, Sánchez F, Maldonado J, Blanquer R, de Souza-Galvão ML, Solsona J, Azlor E, Díaz D, Calpe JL, Caylá JA.. Monitoring changes in anti-tuberculosis treatment: associated factors determined at the time of diagnosis. *INT J TUBERC LUNG D*. 24125447
- Altmäe S, Esteban FJ, Stavreus-Evers A, Simón C, Giudice L, Lessey BA, Horcajadas JA, Macklon NS, D'Hooghe T, Campoy C, Fauser BC, Salomonsen LA, Salumets A.. Guidelines for the design, analysis and interpretation of 'omics' data: focus on human endometrium. *Hum Reprod Update*. 24082038
- Álvarez del Arco D, del Amo J., Garcia-Pina R, Garcia-Fulgueiras AM, Rodriguez-Arenas MA, Ibáñez-Rojo V, Díaz del Peral D, Jarrín I, Fernandez-Liria A, Zunzunegui MV, Garcia-Ortuzar V, Mazarrasa L, Llacer A. Violence in adulthood and mental health: gender and immigrant status. *J Interpers Violence*. 23422848

- Alvarez-Del AD, Monge S, Caro-Murillo AM, Ramirez-Rubio O, Azcoaga-Lorenzo A, Belza MJ, Rivero-Montesdeoca Y, Noori T, Del AJ. HIV testing policies for migrants and ethnic minorities in EU/EFTA Member States.. *Eur J Public Health*. 23921295
- Alvarez-Del AD, Vicente SM, Alejos B, Pascual C, Regidor E.. [Process and results of constructing a deprivation index for the districts of Madrid and Barcelona, Spain]. *Rev Esp Salud Publica*.. 24100771
- Alvarez-Mora MI, Rodriguez-Revenga L, Madrigal I, Torres-Silva F, Mateu-Huertas E, Lizano E, Friedländer MR, Martí E, Estivill X, Milà M.. MicroRNA expression profiling in blood from fragile X-associated tremor/ataxia syndrome patients. *Genes Brain Behav*. 23790110
- Álvaro-Meca A, Jensen J, Micheloud D, Díaz A, Gurbindo D, Resino S.. Rate of candidiasis among HIV-infected children in Spain in the era of highly active antiretroviral therapy (1997-2008). *BMC Infect Dis*. 23510319
- Amaya E, Gil F, Freire C, Olmedo P, Fernández-Rodríguez M, Fernández MF, Olea N. Placental concentrations of heavy metals in a mother-child cohort. *Environ Res*. 23140988
- Amezcuca-Prieto C, Olmedo-Requena R, Jiménez-Mejías E, Hurtado-Sánchez F, Mozas-Moreno J, Lardelli-Claret P, Jiménez-Moleón JJ. Changes in leisure time physical activity during pregnancy compared to the prior year. *Matern Child Health J*. 22569946
- Amezcuca-Prieto C, Olmedo-Requena R, Jiménez-Mejías E, Mozas-Moreno J, Lardelli-Claret P, Jiménez-Moleón JJ. Factors associated with changes in leisure time physical activity during pregnancy. *Int J Gynaecol Obstet*. 23465853
- Anantharaman D, Gheit T, Waterboer T, Abedi-Ardekani B, Carreira C, McKay-Chopin S, Gaborieau V, Marron M, Lagiou P, Ahrens W, Holcátová I, Merletti F, Kjaerheim K, Talamini R, Simonato L, Castellsague X, Macfarlane TV, Biggs AM, Thakker N, Znaor A, Thomson P, Canova C, Conway DI, Healy CM, Tommasino M, Pawlita M, Brennan P. Human papillomavirus infections and upper aero-digestive tract cancers: the ARCAGE study.. *J Natl Cancer Inst*. 23503618
- Anastasova, V (Anastasova, Velizara)[1,2] ; Mahalatchimy, A (Mahalatchimy, Aurelie)[1,2,3] ; Rial-Sebbag, E (Rial-Sebbag, Emmanuelle)[1,2] ; Boque, JMA (Anto Boque, Josep Maria)[4,5,6,7] ; Keil, T (Keil, Thomas)[8] ; Sunyer, J (Sunyer, Jordi)[4,5,6,7] ; Bousquet, J (Bousquet, Jean)[9] ; Cambon-Thomsen, A (Cambon-Thomsen, Anne)[1,2] . Communication of results and disclosure of incidental findings in longitudinal paediatric research. *PEDIATRIC ALLERGY AND IMMUNOLOGY*.
- Andrade LH*, Alonso J, Mneimneh Z, Wells JE, Al-Hamzawi A, Borges G, Bromet E, Bruffaerts R, de Girolamo G, de Graaf R, Florescu S, Gureje O, Hinkov HR, Hu C, Huang Y, Hwang I, Jin R, Karam EG, Kovess-Masfety v, Levinson D, Matschinger H, O'Neill S, Posada-Villa J, Sagar R, Sampson NA, Sasu C, Stein D, Takeshima T, Viana MC, Xavier M, and Kessler RC. Barriers to Mental Health Treatment: Results from the WHO World Mental Health (WMH) Surveys. *Psychol Med*. 23931656
- Andreotti G, Birmann B, De Roos AJ, Spinelli J, Cozen W, Camp NJ, Moysich K, Chiu B, Stepulowski E, Krzystan J, Boffetta P, Benhaim-Luzon V, Brennan P, de Sanjosé S, Costas L, Costantini AS, Miligi L, Cocco P, Becker N, Foretová L, Maynadié M, Nieters A, Staines A, Tricot G, Milliken K, Weisenburger D, Zheng T, Baris D, Purdue MP. A pooled analysis of alcohol consumption and risk of multiple myeloma in the international multiple myeloma consortium. *Cancer Epidemiol Biomarkers Prev*.. 23964064
- Andrés E, Cordero A, León M, Alcalde V, Laclaustra M, Casasnovas JA; enrepresentación de los investigadores del estudio MESYAS (MEtabolic SyndromeActive Subjects). Escala para la predicción de la aparición de Hipertensión en población activa masculina. *Med Clin (Barc)*. 23199830
- Andrés E, García-Campayo J, Magán P, Barredo E, Cordero A, León M, Botaya RM, García-Ortiz L, Gómez M, Alegría E, Casasnovas JA. Psychiatric morbidity as a risk factor for hospital readmission for acute myocardial infarction: an 8-year follow-up study in Spain. *Int J Psychiatr Med*. 23356094
- Andreu-Ballester JC, Garcia-Ballesteros C, Amigo V, Ballester F, Gil-Borras R, Catalan-Serra I, Magnet A, Fenoy S, del Aguila C, Ferrando-Marco J, Cuellar C. Microsporidia and Its Relation to Crohn's Disease. A Retrospective Study. *PLoS One*. 23637975
- Andreu-Ballester JC, Tormo-Calandin C, Garcia-Ballesteros C, Perez-Griera J, Amigo V, Almela QA, Ruiz del Castillo J, Peñarroja-Otero C, Ballester F. Association of gd T Cells with Disease Severity and Mortality in Septic Patients. *Clin Vaccine Immunol*.
- Andreu-Ballester JC, Tormo-Calandín C, Garcia-Ballesteros C, Pérez-Griera J, Amigó V, Almela-Quilis A, Ruiz Del Castillo J, Peñarroja-Otero C, Ballester . Gamma-delta T cells in septic patients: Association with severity and mortality. *Clin Vaccine Immunol*. 23515014
- Anjos T, Altmäe S, Emmett P, Tiemeier H, Closa-Monasterolo R, Luque V, Wiseman S, Pérez-García M, Lattka E, Demmelmair H, Egan B, Straub N, Szajewska H, Evans J, Horton C, Paus T, Isaacs E, van Klinken JW, Koletzko B, Campoy C. Nutrition and neurodevelopment in children: focus on NUTRIMENTHE project. *Eur J Nutr*. 23884402
- Aragonés N, Goicoa T, Pollán M, Militino AF, Pérez-Gómez B, López-Abente G, Ugarte MD. Spatio-temporal trends in gastric cancer mortality in Spain: 1975–2008. *Cancer Epidemiol*. 23628127
- Aranda Villalobos P, Navarro-Espigares JL, Hernández-Torres E, Martínez-Montes JL, Villalobos M, Arroyo-Morales M.. Body Mass Index as Predictor of Health-Related Quality-of-Life Changes After Total Hip Arthroplasty: A Cross-Over Study. *J Arthroplasty*. 23142451
- Aranda-Villalobos P, Fernández-de-Las-Peñas C, Navarro-Espigares JL, Hernández-Torres E, Villalobos M, Arendt-Nielsen L, Arroyo-Morales M.. Normalization of widespread pressure pain hypersensitivity in patients with hip osteoarthritis after total hip replacement is associated with clinical and functional improvements. *Arthritis Rheum*. 23400951
- Arcas MM, Novoa AM, Artazcoz L. Gender inequalities in the association between demands of family and domestic life

- and health in Spanish workers. *Eur J Public Health*. 22874733
- Arevalo-Rodriguez I, Ciapponi A, Munoz L, Roqué I Figuls M, Bonfill Cosp X.. Posture and fluids for preventing post-dural puncture headache. *Cochrane Database Syst Rev*. 23846960
- Arevalo-Rodriguez I, Pedraza OL, Rodríguez A, Sánchez E, Gich I, Solà I, Bonfill X, Alonso-Coello P. Alzheimer's disease dementia guidelines for diagnostic testing: a systematic review. *Am J Alzheimers Dis Other Demen*. 23288575
- Ariza C, Perez A, Sanchez-Martinez F, Dieguez M, Espelt A, Pasarin MI, Suelves JM, de la TR, Nebot M. Evaluation of the effectiveness of a school-based cannabis prevention program. *Drug Alcohol Depend*.. 23490453
- Arnold M, Holterhues C, Hollestein LM, Coebergh JW, Nijsten T, Pukkala E, Holleccek B, Tryggvadóttir L, Comber H, Bento MJ, Diba CS, Micallef R, Primić-Žakelj M, Izarzugaza MI, Perucha J, Marcos-Gragera R, Galceran J, Ardanaz E, Schaffar R, Pring A, de Vries E. Trends in incidence and predictions of cutaneous melanoma across Europe up to 2015. *J Eur Acad Dermatol Venereol*. 23962170
- Arrebola JP, Fernández MF, Olea N, Ramos R, Martín-Olmedo P. Human exposure to p,p'-dichlorodiphenyldichloroethylene (p,p'-DDE) in urban and semi-rural areas in southeast Spain: a gender perspective. *Sci Total Environ*. 23651776
- Arrebola JP, Pumarega J, Gasull M, Fernández MF, Martín Olmedo P, Molina Linde JM, Fernández M, Olea N. Adipose tissue concentrations of persistent organic pollutants and prevalence of type 2 diabetes in adults from Southern Spain.. *Environ Res*. 23290489
- Arrese I, Sarabia R, Pintado R, Delgado-Rodriguez M. Flow-Diverter Devices for Intracranial Aneurysms: Systematic Review and Meta-analysis.. *Neurosurgery*. 23624409
- Arritxu Etxeberria, Itziar Pérez, Idoia Alcorta, Jose Ignacio Emparanza, Elena Ruiz de Velasco, María Teresa Iglesias, Domingo Orozco-Beltrán, Rafael Rotaetxe. The CLUES study: a cluster randomized clinical trial for the evaluation of cardiovascular guideline implementation in primary care. *BMC Health Services Research*. 24156549
- Artazcoz L, Cortès I, Escribà-Agüir V, Bartoll X, Basart H, Borrell C. Long working hours and health status among employees in Europe: between-country differences. *Scand J Work Environ Health*. 23192445
- Ascunce Elizaga N. Supporting the investment in screening. *Gac Sanit*.. 23669504
- Avritscher EBC, Cooksley CD, Rolston KV, Swint JM, Delclos GL, Franzini L, Swisher SG, Walsh GL, Mansfield PF, Elting LS. Serious postoperative infections following resection of respiratory and gastrointestinal solid tumors: outcomes, costs, and impact of hospital surgical volumen. *Support Care Cancer*. 24141699
- Aznar-Lopez C, Vazquez-Moron S, Marston DA, Juste J, Ibáñez C, Berciano JM, Salsamendi E, Aihartza J, Banyard AC, McElhinney L, Fooks AR, Echevarria J.. Detection of Rhabdovirus viral RNA in oropharyngeal swabs and ectoparasites of Spanish bats. *J Gen Virol*. 23100368
- Bacigalupe A, Esnaola S, Martín U, Borrell C. Two decades of inequalities in smoking prevalence, initiation and cessation in a southern European region: 1986-2007. *Eur J Public Health*. 22874737
- Badal M., N. Xamena, O. Cabré.. FB-NOF is a non-autonomous transposable element, expressed in *Drosophila melanogaster* and present only in the *melanogaster* group.. *Gene*. 23685284
- Bala MM, Akl EA, Sun X, Bassler D, Mertz D, Mejza F, Vandvik PO, Malaga G, Johnston BC, Dahm P, Alonso-Coello P, Diaz-Granados N, Srinathan SK, Hassouneh B, Briel M, Busse JW, You JJ, Walter SD, Altman DG, Guyatt GH.. Randomized trials published in higher vs. lower impact journals differ in design, conduct, and analysis. *J Clin Epidemiol*. 23347852
- Balaguer A, Escribano J, Roqué i Figuls M, Rivas-Fernandez M. Infant position in neonates receiving mechanical ventilation. *Cochrane Database Syst Rev*. 23543520
- Balbás-Martínez C, Sagrera A, Carrillo-de-Santa-Pau E, Earl J, Márquez M, Vazquez M, Lapi E, Castro-Giner F, Beltran S, Bayés M, Carrato A, Cigudosa JC, Domínguez O, Gut M, Herranz J, Juanpere N, Kogevinas M, Langa X, López-Knowles E, Lorente JA, Lloreta J, Pisano DG, Richart L, Rico D, Salgado RN, Tardón A, Chanock S, Heath S, Valencia A, Losada A, Gut I, Malats N, Real FX. Recurrent inactivation of STAG2 in bladder cancer is not associated with aneuploidy. *Nat Genet*. 24121791
- Baltar VT, Xun WW, Johansson M, Ferrari P, Chuang SC, Relton C, Ueland PM, Middttun O, Slimani N, Jenab M, Clavel-Chapelon F, Boutron-Ruault MC, Fagherazzi G, Kaaks R, Rohrmann S, Boeing H, Weikert C, Bueno-de-Mesquita B, Boshuizen H, van Gils CH, Onland-More. A structural equation modelling approach to explore the role of B vitamins and immune markers in lung cancer risk. *Eur J Epidemiol*. 23532743
- Bamia C, Lagiou P, Buckland G, Grioni S, Agnoli C, Taylor AJ, Dahm CC, Overvad K, Olsen A, Tjønneland A, Cottet V, Boutron-Ruault MC, Morois S, Grote V, Teucher B, Boeing H, Buijsse B, Trichopoulos D, Adarakis G, Tumino R, Naccarati A, Panico S, Palli D, Bueno-de-Mesquita HB, van Duynhoven FJ, Peeters PH, Engeset D, Skeie G, Lund E, Sánchez MJ, Barricarte A, Huerta JM, Quirós JR, Dorronsoro M, Ljuslinder I, Palmqvist R, Drake I, Key TJ, Khaw KT, Wareham N, Romieu I, Fedirko V, Jenab M, Romaguera D, Norat T, Trichopoulou A.. Mediterranean diet and colorectal cancer risk: results from a European cohort. *Eur J Epidemiol*. 23579425
- Baquero F, Tobes R. Bloody coli: a gene cocktail in *Escherichia coli* O104:H4. *Mbio*. 23422408
- Barajas-Nava LA, López-Alcalde J, Roqué i Figuls M, Solà I, Bonfill Cosp X.. Antibiotic prophylaxis for preventing burn wound infection. *Cochrane Database Syst Rev*. 23740764
- Barata A, Malouf J, Gutierrez M, Mateo GM, Samba MA, Gich I, Cadafalch J, Wulff J, Domingo P. Psychopathology and psychosocial adjustment in patients with HIV-associated lipodystrophy. *Braz J Infect Dis*. . 23742804
- Barbaglia G, Adroher ND, Vilagut G, Haro JM, Forero CG, Alonso J*. Effects of common mental disorders and

- physical conditions on role functioning in Spain. *Gac Sanit.* 23680138
- Barisic I, Odak L, Loane M, Garne E, Wellesley D, Calzolari E, Dolk H, AddorMC, Arriola L, Bergman J, Bianca S, Boyd PA, Draper ES, Gatt M, Haeusler M, Khoshnood B, Latos-Bielenska A, McDonnell B, Pierini A, Rankin J, Rissmann A, Queisser-Luft A, Verellen-D. Fraser syndrome: Epidemiological study in a European population. *Am J Med Genet A.* 23532946
- Barletta, F.; Mercado, E.H.; Lluque, A.; Ruiz, J.; Cleary, T.G.; Ochoa, T.J. Multiplex real-time polymerase chain reaction for the diagnosis of *Campylobacter*, *Salmonella*, and *Shigella*. *Journal of Clinical Microbiology.* 23761159
- Barrabeig I, Torner N, Martínez A, Carmona G, Ciruela P, Batalla J, Costa J, Hernández S, Salleras L, Domínguez A, Group Of Catalonia TR.. Results of the rubella elimination program in Catalonia (Spain), 2002-2011. *Hum Vaccin.* 23299566
- Barrio G, Molist G, de la Fuente L, Fernández F, Guitart A, Bravo MJ, BrugalMT; Itinere Working Group.. Mortality in a cohort of young primary cocaine users: Controlling the effect of the riskiest drug-use behaviors. *Addict Behav.* 23254204
- Barrio G, Montanari L, Bravo MJ, Guarita B, de la Fuente L, Pulido J, Vicente J.. Trends of heroin use and heroin injection epidemics in Europe. *J Subst Abuse Treat.* 23462151
- Basagaña X, Barrera-Gómez J, Benet M, Antó JM, Garcia-Aymerich J.. A framework for multiple imputation in cluster analysis. *Am J Epidemiol.* 23445902
- Basra, A.; Mombo-Ngoma, G.; Melse, M.C.; Diop, D.A.; Wurbel, H.; Mackanga, J.-R.; Furstenu, M.; Zoleko, R.M.; Adegnik, A.A.; Gonzalez, R.; Menendez, C.; Kremsner, P.G.; Ramharter, M. Efficacy of Mefloquine Intermittent Preventive Treatment in Pregnancy against *Schistosoma haematobium* Infection in Gabon: A Nested Randomized Controlled Assessor-Blinded Clinical Trial. *Clinical Infectious Diseases.* 23175561
- Bassaganyas L, Beà S, Escaramís G, Tornador C, Salaverría I, Zapata L, Drechsel O, Ferreira PG, Rodríguez-Santiago B, Tubio JM, Navarro A, Martín-García D, López C, Martínez-Trillos A, López-Guillermo A, Gut M, Ossowski S, López-Otín C, Campo E, Estivill X.. Sporadic and reversible chromothripsis in chronic lymphocytic leukemia revealed by longitudinal genomic analysis. *Leukemia.* 23612016
- Bassaganyas L, Riveira-Munoz E, García-Aragones M, Gonzalez JR, Caceres M, Armengol L, Estivill X. Worldwide population distribution of the common LCE3C-LCE3B deletion associated with psoriasis and other autoimmune disorders. *BMC Genomics.* 23594316
- Basterrechea M, Lertxundi A, Iniguez C, Mendez M, Murcia M, Mozo I, Goni F, Grimalt J, Fernandez M, Guxens M. Prenatal exposure to hexachlorobenzene (HCB) and reproductive effects in a multicentre birth cohort in Spain. *Sci Total Environ.* 23973543
- Basurto Ona X, Rigau Comas D, Urrutia G.. Opioids for acute pancreatitis pain. *Cochrane. Database Syst Rev.* 23888429
- Basurto Ona X, Uriona Tuma SM, Martínez García L, Solà I, Bonfill Cosp X. Drug therapy for preventing post-dural puncture headache.. *Cochrane Database Syst Rev.* 23450533
- Bautista-Castaño I, Sánchez-Villegas A, Estruch R, Martínez-González MA, Corella D, Salas-Salvadó J, Covas MI, Schroder H, Alvarez-Pérez J, Quilez J, Lamuela-Raventós RM, Ros E, Arós F, Fiol M, Lapetra J, Muñoz MA, Gómez-Gracia E, Tur J, Pintó X, Ruiz-Gutierrez. Changes in bread consumption and 4-year changes in adiposity in Spanish subjects at high cardiovascular risk. *Br J Nutr.* 23199451
- Bayés-Genís A*, de Antonio M, Vila JS, Peñafiel J, Galán A, Barallat J, Zamora E, Urrutia A, Lupón J. Head-to-head comparison of two myocardial fibrosis biomarkers for long-term heart failure risk stratification: ST2 vs. Galectin-3. *J Am Coll Cardiol.* 24076531
- Beelen R, Hoek G, Vienneau D, Eeftens M, Dimakopoulou K, Pedeli X, Tsai MY, Kunzli N, Schikowski T, Marcon A, Eriksen KT, Raaschou-Nielsen O, Stephanou EG, Patelarou E, Lanki T, Yli-Tuomi T, Declercq C, Falq G, Stempfelet M, Birk M, Cyrys J, von Klot S, Nador G, Varro MJ, Dedele A, Grazuleviciene R, Molter A, Lindley S, Madsen C, Cesaroni G, Ranzi A, Badaloni C, Hoffmann B, Nonnemacher M, Kramer U, Kuhlbusch T, Cirach M, de Nazelle A, Nieuwenhuijsen MJ, Bellander T, Korek M, Olsson D, Stromgren M, Dons E, Jerrett M, Fischer P, Wang M, Brunekreef B, de Hoogh K. Development of NO2 and NOx land use regression models for estimating air pollution exposure in 36 study areas in Europe - The ESCAPE Project. *Atmos Environ.*
- Behrens T, Kendzia B, Treppmann T, Olsson A, Jöckel KH, Gustavsson P, Pohlmann H, Ahrens W, Brüske I, Wichmann HE, Merletti F, Mirabelli D, Richiardi L, Simonato L, Zaridze D, Szeszenia-Dabrowska N, Rudnai P, Lissowska J, Fabianova E, Tardón A, Field J, Stanescu Dumitru R, Bencko V, Foretova L, Janout V, Siemiatycki J, Parent ME, McLaughlin J, Demers P, Landi MT, Caporaso N, Kromhout H, Vermeulen R, Peters S, Benhamou S, Stücker I, Guida F, Consonni D, Bueno-de-Mesquita B, Mannetje A, Pearce N, Tse LA, Yu IT, Plato N, Boffetta P, Straif K, Schüz J, Pesch B, Brüning T. Lung cancer risk among bakers, pastry cooks and confectionary makers: the SYNERGY study. *Occup Environ Med.* 23911873
- Bellmunt-Montoya S, Escibano JM, Dilme J, Martínez-Zapata MJ. CHIVA method for the treatment of chronic venous insufficiency.. *Cochrane Database Syst Rev.* 23821413
- Benavides FG, Amick BC 3rd, Delclòs GL. Regulating and inspecting working conditions could be good for both workers and business. *J Epidemiol Community Health.* 23447646
- Benavides FG, Ruiz-Forès N, Delclòs J, Domingo-Salvany A. [Consumption of alcohol and other drugs by the active population in Spain]. *Gac Sanit.* 22840438
- Bergman A, Andersson AM, Becher G, van den Berg M, Blumberg B, Bjerregaard P, Bornehag CG, Bornman R, Brandt I, Brian JV, Casey SC, Fowler PA, Frouin H, Giudice LC, Iguchi T, Hass U, Jobling S, Juul A, Kidd KA, Kortenkamp A, Lind M, Martin OV, Muir D, Ochieng R, Olea N, Norrgren L, Ropstad E, Ross PS, Rudén C, Scheringer M, Skakkebaek NE, Söder O, Sonnenschein C, Soto A, Swan S, Toppari J, Tyler CR, Vandenberg LN, Vinggaard AM, Wiberg K, Zoeller RT.. *Science*

- and policy on endocrine disruptors must not be mixed: a reply to a "common sense" intervention by toxicology journal editors. *Environ Health*. 23981490
- Bermúdez Tamayo C, Alba-Ruiz R, Jiménez Pernet J, García Gutiérrez JF, Traver V, Yubraham D. Adapting the Content of Cancer Websites to the Information Needs of Patients: Reliability and Readability. *Telemed J E Health*. 24073899
- Bermúdez-Tamayo C, Alba-Ruiz R, Jiménez-Pernet J, García Gutiérrez JF, Traver-Salcedo V, Yubraham-Sánchez D. Use of social media by Spanish hospitals: perceptions, difficulties, and success factors. *Telemed J E Health*. 23368890
- Bermúdez-Tamayo C, Perez G, Vives-Cases C; en nombre del Comité editorial de Gaceta Sanitaria. Opinion of the partners of SESPAS on GACETA SANITARIA. *Gac Sanit*. 23582777
- Berndt SI, Skibola CF, Joseph V, Camp NJ, Nieters A, Wang Z, Cozen W, Monnereau A, Wang SS, Kelly RS, Lan Q, Teras LR, Chatterjee N, Chung CC, Yeager M, Brooks-Wilson AR, Hartge P, Purdue MP, Birmann BM, Armstrong BK, Cocco P, Zhang Y, Severi G, Zeleniuch-Jacquotte A, Lawrence C, Burdette L, Yuenger J, Hutchinson A, Jacobs KB, Call TG, Shanafelt TD, Novak AJ, Kay NE, Liebow M, Wang AH, Smedby KE, Adami HO, Melbye M, Glimelius B, Chang ET, Glenn M, Curtin K, Cannon-Albright LA, Jones B, Diver WR, Link BK, Weiner GJ, Conde L, Bracci PM, Riby J, Holly EA, Smith MT, Jackson RD, Tinker LF, Benavente Y, Becker N, Boffetta P, Brennan P, Foretova L, Maynadie M, McKay J, Staines A, Rabe KG, Achenbach SJ, Vachon CM, Goldin LR, Strom SS, Lanasa MC, Spector LG, Leis JF, Cunningham JM, Weinberg JB, Morrison VA, Caporaso NE, Norman AD, Linet MS, De Roos AJ, Morton LM, Severson RK, Riboli E, Vineis P, Kaaks R, Trichopoulos D, Masala G, Weiderpass E, Chirlaque MD, Vermeulen RC, Travis RC, Giles GG, Albanes D, Virtamo J, Weinstein S, Clavel J, Zheng T, Holford TR, Offit K, Zelenetz A, Klein RJ, Spinelli JJ, Bertrand KA, Laden F, Giovannucci E, Kraft P, Krickler A, Turner J, Vajdic CM, Ennas MG, Ferri GM, Miligi L, Liang L, Sampson J, Crouch S, Park JH, North KE, Cox A, Snowden JA, Wright J, Carracedo A, Lopez-Otin C, Bea S, Salaverria I, Martin-Garcia D, Campo E, Fraumeni JF Jr, de Sanjose S, Hjalgrim H, Cerhan JR, Chanock SJ, Rothman N, Slager SL. Genome-wide association study identifies multiple risk loci for chronic lymphocytic leukemia. *Nat Genet*. 23770605
- Berra S, Tebé C, Esandi ME, Carignano C. Reliability and validity of the KIDSCREEN-52 questionnaire to measure health related quality of life in the 8 to 18 year-old Argentinean population. *Arch Argent Pediatr*. 23381702
- Bhoo-Pathy N; Uiterwaal CS; Dik VK; Jeurnink SM; Bech BH; Overvad K; Halkjaer J; Tjonneland A; Boutron-Ruault MC; Fagherazzi G; Racine A; Katzke VA; Li K; Boeing H; Floegel A; Androulidaki A; Bamia C; Trichopoulou A; Masala G; Panico S; Crosignani P; Tumino R; Vineis P; Peeters PH; Gavrilyuk O; Skeie G; Weiderpass E; Duell EJ; Arguelles M; Molina-Montes E; Navarro C; Ardanaz E; Dorransoro M; Lindkvist B; Wallstrom P; Sund M; Ye W; Khaw KT; Wareham N; Key TJ; Travis RC; Duarte-Salles T; Freisling H; Licaj I; Gallo V; Michaud DS; Riboli E; Bueno-de-Mesquita HB;. Intake of Coffee, Decaffeinated Coffee, or Tea Does Not Affect Risk for Pancreatic Cancer: Results from the EPIC study. *Clin Gastroenterol Hepatol*. 23756220
- Bilal U, Fernández E, Beltran P, Navas-Acien A, Bolumar F, Franco M. Validation of a Method for Reconstructing Historical Rates of Smoking Prevalence. *Am J Epidemiol*. 24077091
- Bimbela Pedrola JL, March Cerdá JC. Public health in Spain: before and after AIDS. *Gac Sanit*. 23287101
- Blanch C, Fernández E, Martínez-Sánchez JM, Ariza C, López MJ, Moncada A, Schiaffino A, Rajmil L, Saltó E, Pascual JA, Nebot M. Impact of a multi-level intervention to prevent secondhand smoke exposure in schoolchildren: A randomized cluster community trial. *Preventive Medicine*. 23933268
- Blanch J, Sala M, Román M, Ederra M, Salas D, Zubizarreta R, Sanchez M, Rué M, Castells X; CFPR group. Cumulative risk of cancer detection in breast cancer screening by protocol strategy. *Breast Cancer Res Treat*. 23471648
- Blanco C, Morcillo C, Alegría M, Dedios MC, Fernández-Navarro P, Regincos R, Wang S. Acculturation and drug use disorders among Hispanics in the U.S. *J Psychiatr Res*. 23128062
- Blanco-Muñoz J, Aguilar-Garduño C, Gamboa-Avila R, Rodríguez-Barranco M, Pérez-Méndez O, Huesca-Gómez C, González-Alzaga B, Lacasaña M. Association between PON1 genetic polymorphisms and miscarriage in Mexican women exposed to pesticides. *Sci Total Environ*. 23435062
- Bonfill X, Roqué M, Aller MB, Osorio D, Foradada C, Vives A, Rigau D. Development of quality of care indicators from systematic reviews: the case of hospital delivery. *Implement Sci*. 23574918
- Boots AB, Sanchez-Ramos L, Bowers DM, Kaunitz AM, Zamora J, Schlattmann P. The short-term prediction of preterm birth: a systematic review and diagnostic metaanalysis. *Am J Obstet Gynecol*. 24021995
- Borrell C, Morrison J, Burstrom B, Pons-Vigués M, Hoffmann R, Gandarillas A, Martikainen P, Domínguez-Berjón MF, Tarkiainen L, Díez E. Comparison of health policy documents of European cities: Are they oriented to reduce inequalities in health?. *J Public Health Pol*. 23172051
- Borrell C, Palència L, Muntaner C, Urquía M, Malmusi D, O'Campo P. Influence of Macrosocial Policies on Women's Health and Gender Inequalities in Health. *Epidemiol Rev*. 24025349
- Borrell C, Pons-Vigués M, Morrison J, Díez E. Factors and processes influencing health inequalities in urban areas. *J Epidemiol Community Health*. 23413097
- Borrell C; Dominguez-Berjon MF; Alvarez-Dardet C; Bermudez-Tamayo C; Godoy P; Lopez, MJ; Negrin MA; Perez G; Perez-Farinos N; Rodriguez M; Ruano A; Cases CV; Garcia AM. Gaceta Sanitaria in 2012. *Gac Sanit*. WOS:000314481900001
- Botello B, Palacio S, García M, Margolles M, Fernández F, Hernán M, Nieto J, Cofiño R. Methodology for health assets mapping in a community. *Gac Sanit*. 22727397

- Boudier, A (Boudier, Anne)[1,2] ; Curjuric, I (Curjuric, Ivan)[3,4] ; Basagana, X (Basagana, Xavier)[5,6] ; Hazgui, H (Hazgui, Hana)[1,2] ; Anto, JM (Anto, Josep M.)[5,6,7,8] ; Bousquet, J (Bousquet, Jean)[9,10] ; Bridevaux, PO (Bridevaux, Pierre O.)[11] ; Dupuis-Lozeron, E (Dupuis-Lozeron, Elise)[11] ; Garcia-Aymerich, J (Garcia-Aymerich, Judith)[5,6,8] ; Heinrich, J (Heinrich, Joachim)[12] ; Janson, C (Janson, Christer)[13] ; Kunzli, N (Kuenzli, Nino)[3,4] ; Leynaert, B (Leynaert, Benedicte)[14,15] ; de Marco, R (de Marco, Roberto)[16] ; Rochat, T (Rochat, Thierry) [11] ; Schindler, C (Schindler, Christian)[3,4] ; Varraso, R (Varraso, Raphaelle)[9,10] ; Pin, I (Pin, Isabelle)[1,2,17] ; Probst-Hensch, N (Probst-Hensch, Nicole)[3,4] ; Sunyer, J (Sunyer, Jordi)[5,6,7,8] ; Kauffmann, F (Kauffmann, Francine)[9,10] ; Siroux, V (Siroux, Valerie)[1,2]. Ten-Year Follow-up of Cluster-based Asthma Phenotypes in Adults A Pooled Analysis of Three Cohorts. *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*.
- Bousquet J, Anto J, Sunyer J, Nieuwenhuisen M, Vrijheid M, Keil T; MeDALL Study Group; CHICOS Study Group; ENRIECO Study Group; GA²LEN Study Group. Pooling birth cohorts in allergy and asthma: European Union-funded initiatives - a MeDALL, CHICOS, ENRIECO, and GA²LEN joint paper. *Int Arch Allergy Immunol*. 23258290
- Bousquet, J; Tanasescu, C. C; Camuzat, T; Anto, J. M; Blasi, F; Neou, A] ; Palkonen, S; Papadopoulos, N. G; Antunes, J. P; Samolinski, B; Yiallourous, P; Zuberbier, T.. Impact of early diagnosis and control of chronic respiratory diseases on active and healthy ageing A debate at the European Union Parliament. *ALLERGY* .
- Braegger C, Campoy C, Colomb V, Decsi T, Domellof M, Fewtrell M, Hojsak I, Mihatsch W, Molgaard C, Shamir R, Turck D, van Goudoever J; ESPGHAN Committee on Nutrition.. Vitamin D in the healthy European paediatric population.. *J Pediatr Gastroenterol Nutr*. 23708639
- Braegger C, Campoy C, Colomb V, Decsi T, Domellof M, Fewtrell M, Hojsak I, Mihatsch W, Molgaard C, Shamir R, Turck D, van Goudoever J; ESPGHAN Committee on Nutrition.. Vitamin D in the Healthy Paediatric Population: A Position Paper by the ESPGHAN Committee on Nutrition. *J Pediatr Gastroenterol Nutr*. 23471181
- Brand JS, van der Schouw YT, Onland-Moret NC, Sharp SJ, Ong KK, Khaw KT, Ardanaz E, Amiano P, Boeing H, Chirlaque MD, Clavel-Chapelon F, Crowe FL, deLauzon-Guillain B, Duell EJ, Fagherazzi G, Franks PW, Grioni S, Groop LC, KaaksR, Key TJ, Nilsson PM, Overv. Age at menopause, reproductive life span, and type 2 diabetes risk: results from the EPIC-InterAct study. *Diabetes care*. 23230098
- Briones Vozmediano E, Agudelo Suárez AA, López Jacob MJ, Vives Cases C, Ballester Laguna F, Ronda Pérez E. Percepción de las trabajadoras inmigrantes del servicio doméstico sobre los efectos de la regulación del sector en España. *GAG SANIT*. 23928060
- Briones-Vozmediano E, Vives-Cases C, Ronda-Pérez E, Gil-González D.. Patients' and professionals' views on managing fibromialgia. *Pain Res Manag*. 23457682
- Brugha TS, Matthews R, Alonso J, Vilagut G, Fouweather T, Bruffaerts R, deGirolamo G, de Graaf R, Haro JM, Kovess V, Jagger C. Gender differences in mental health expectancies in early-and midlife in six European countries.. *Br J Psychiatry*. 23470286
- Buckland G, Travier N, Cottet V, González CA, Luján-Barroso L, Agudo A, Trichopoulou A, Lagiou P, Trichopoulos D, Peeters PH, May A, Bueno-de-MesquitaHB, Bvan Duijnhoven FJ, Key TJ, Allen N, Khaw KT, Wareham N, Romieu I, McCormack V, Boutron-Ruault M, Clav. Adherence to the mediterranean diet and risk of breast cancer in the European prospective investigation into cancer and nutrition cohort study.. *Int J Cancer*. 23180513
- Cabello JB, Burls A, Empananza JI, Bayliss S, Quinn T.. Oxygen therapy for acute myocardial infarction. *Cochrane Database Syst Rev*. 23963794
- Cabello JB, Empananza JI, Burls AJ.. Una educación para la clínica del siglo XXI: el currículo para la practica basada en la evidencia.. *Med Clin (Barc)*. 23540389
- Calderón EJ, de Armas Y, Panizo MM, Wissmann. Pneumocystis jirovecii pneumonia in Latin America. A public health problem?. *Expert Rev Anti Infect The*. 23750728
- Calzón S, Cortés Majó M, Briones E, Vilches-Arenas A. Elevada letalidad por enfermedad meningocócica C en adultos en la provincia de Sevilla (2008-2012). *Med Clin (Barc)*. 23920128
- Camargo MS, Prieto AM, Resende FA, Boldrin PK, Cardoso CR, Fernández MF, Molina-Molina JM, Olea N, Vilegas W, Cuesta-Rubio O, Varanda EA. Evaluation of estrogenic, antiestrogenic and genotoxic activity of nemorosone, the major compound found in brown Cuban propolis. *BMC Complement Altern Med*. 23902919
- Campins M, Urbiztondo L, Costa J, Broner S, Esteve M, Bayas JM, Borrás E, Dominguez A; Working Group for the Study of the Immune Status in HealthcareWorkers of Catalonia. Serological survey of mumps immunity among health care workers in the Catalonia region of Spain.. *Am J Infect Control*. 23040604
- Campos J, Ronda E, Moen B, Artazcoz L, Benavides FG. Welfare state regimes and gender inequalities in the exposure to work-related psychosocial hazards.. *Int J Public Health*. 23885772
- Campos M, Luque R, Jiménez J, Martínez R, Warleta F, Sánchez-Quesada C, Delgado-Rodríguez M, Calvo A, Gaforio JJ. Simultaneous phenotypic and genetic characterization of single circulating tumor cells from colon cancer patients.. *Histol Histopathol*. 23653253
- Campos-Serna J, Ronda-Pérez E, Artazcoz L, Moen BE, Benavides FG. Gender inequalities in occupational health related to the unequal distribution of working and employment conditions: a systematic review. *Int J Equity Health*. 23915121
- Camprubí L, Díez E, Morrison J, Borrell C. The Ineq-Cities research project on urban health inequalities: knowledge dissemination and transfer in Spain.. *Gac Sanit*. 23810522
- Candell-Riera, Ferreira-González I, Marsal JR, Aguadré-Bruix S, Cuberas-Borrós G, Pujol P, romero-Farina G, Nazarena-Pizzi M, de León G, Castell-Conesa J, García-Dorado D. Useful of exercise test and myocardial perfusion-gated single photon emission computed tomography to improve the prediction of majors events. *Circ Cardiovasc Imaging*. 23766340

- Canova C, Heinrich J, Anto JM, Leynaert B, Smith M, Kuenzli N, Zock JP, Janson C, Cerveri I, de Marco R, Toren K, Gislason T, Nowak D, Pin I, Wjst M, Manfreda J, Svanes C, Crane J, Abramson M, Burr M, Burney P, Jarvis D. The influence of sensitisation to pollens and moulds on seasonal variations in asthma attacks. *Eur Resp J*. 23471350
- Canton E, Peman J, Iñiguez C, Hervas D, Lopez-Hontangas JL, Pina-Vaz C, Camarena JJ, Campos-Herrero I, Garcia-Garcia I, Garcia-Tapia AM, Guna R, Merino P, Perez del ML, Rubio C, Suarez A. Epidemiological cutoff values for fluconazole, itraconazole, posaconazole, and voriconazole for six *Candida* species as determined by the colorimetric Sensititre YeastOne method. *J Clin Microbiol*. 23761155
- Cañas A, Cervantes-Amat M, Esteban M, Ruiz-Moraga M, Pérez-Gómez B, Mayor J, Castaño A, BIOAMBIENT. ES. Blood lead levels in a representative sample of the Spanish adult population: The BIOAMBIENT.ES project. 24095590
- Cardeñosa N, Kaptoul D, Fernández-Viladrich P, Aranda C, de Ory F, Niubó J, Plans P, Domínguez A, Fedele G, Tenorio A, Sánchez-Seco MP. Toscana virus infection in Catalonia (Spain). *Vector Borne Zoonotic Dis*. 23421893
- Carratalá-Munuera MC, Gil-Guillen VF, Orozco-Beltran D, Navarro-Pérez J, Caballero-Martínez F, Alvarez-Guisasola F, García-Soidán J, Fluixá-Carrascosa C, Franch-Nadal J, Martín-Rioboó E, Carrillo-Fernández L, Artola-Menéndez S; "Integrated Management of Type 2 Diabetes Mellitus" Research Group. Barriers associated with poor control in Spanish diabetic patients. A consensus study. *Int J Clin Pract*. 23758484
- Casabonne D, Almeida J, Nieto WG, Romero A, Fernández-Navarro P, Rodríguez-Caballero A, Muñoz-Criado S, Díaz MG, Benavente Y, de Sanjosé S, Orfao A; the Primary Health Care Group of Salamanca for the Study of MBL. Correction: Common Infectious Agents and Monoclonal B-Cell Lymphocytosis: A Cross-Sectional Epidemiological Study among Healthy Adults. *PLoS One*. 24146721
- Casas L, Tiesler C, Thiering E, Brüske I, Koletzko S, Bauer CP, Wichmann HE, von Berg A, Berdel D, Krämer U, Schaaf B, Lehmann I, Herbarth O, Sunyer J, Heinrich J; GINIplus and LISAPLUS Study Group. Indoor factors and behavioural problems in children: The GINIplus and LISAPLUS birth cohort studies. *Int J Hyg Environ Health*. 22487276
- Casas L, Tischer C, Wouters IM, Valkonen M, Gehring U, Doekes G, Torrent M, Pekkanen J, Garcia-Esteban R, Hyvärinen A, Heinrich J, Sunyer J. Endotoxin, extracellular polysaccharides and beta(1-3)-glucans concentrations in dust and their determinants in 4 European birth cohorts: results from the HITEA project. *Indoor Air*. 23176390
- Casas L, Torrent M, Zock JP, Doekes G, Fors J, Guxens M, Täubel M, Heinrich J, Sunyer J. Early life exposures to home dampness, pet ownership and farm animal contact and neuropsychological development in 4 year old children: A prospective birth cohort study. *Int J Hyg Environ Health*. 23357052
- Casas L, Zock JP, Carsin AE, Fernandez-Somoano A, Esplugues A, Santa-Marina L, Tardón A, Ballester F, Basterrechea M, Sunyer J. The use of household cleaning products during pregnancy and lower respiratory tract infections and wheezing during early life. *Int J Public Health*. 23064260
- Casas M, Chatzi L, Carsin AE, Amiano P, Guxens M, Kogevinas M, Koutra K, Lertxundi N, Murcia M, Rebagliato M, Riaño I, Rodríguez-Bernal CL, Roumeliotaki T, Sunyer J, Mendez M, Vrijheid M. Maternal pre-pregnancy overweight and obesity, and child neuropsychological development: two Southern European birth cohort studies. *Int J Epidemiol*. 23569191
- Casas M, Chevrier C, Hond ED, Fernandez MF, Pierik F, Philippat C, Slama R, Toft G, Vandentorren S, Wilhelm M, Vrijheid M. Exposure to brominated flame retardants, perfluorinated compounds, phthalates and phenols in European birth cohorts: ENRIECO evaluation, first human biomonitoring results, and recommendations. *Int J Hyg Environ Health*. 22795704
- Castañer O, Corella D, Covas MI, Sorli JV, Subirana I, Flores-Mateo G, Nonell L, Bullo M, de la Torre R, Portolés O, Fitó M*. In vivo transcriptomic profile after a Mediterranean diet in high-cardiovascular risk patients: a randomized controlled trial. *Am J Clin Nutr*. 23902780
- Castellanos-Torres E, Álvarez-Dardet C, Ruiz-Muñoz D, Pérez G. Social determinants of sexual satisfaction in Spain considered from the gender perspective. *Ann Epidemiol*. 23317925
- Castelló A, Río I, García-Pérez J, Fernández-Navarro P, Waller LA, Clennon JA, Bolúmar F, López-Abente G. Adverse birth outcomes in the vicinity of industrial installations in Spain 2004-2008. *Environ Sci Pollut Res Int*. 23322413
- Castells X, Román M, Romero A, Blanch J, Zubizarreta R, Ascunce N, Salas D, Burón A, Sala M; Cumulative False Positive Risk Group. Breast cancer detection risk in screening mammography after a false-positive result. *Cancer Epidemiol*. 23142338
- Castellví P, Forero CG, Codony M, Vilagut G, Brugulat P, Medina A, Gabilondo A, Mompert A, Colom J, Tresserras R, Ferrer M, Stewart-Brown S, Alonso J*. The Spanish version of the Warwick-Edinburgh Mental Well-Being Scale (WEMWBS) is valid for use in the general population. *Qual Life Res*. 24005886
- Castilla J*, Godoy P, Domínguez A, Martínez-Baz I, Astray J, Martín V, Delgado-Rodríguez M, Baricot M, Soldevila N, Mayoral JM, Quintana JM, Galan JC, Castro A, Gonzalez-Candelas F, Garin O, Saez M, Tamames S, Pumarola T; CIBERESP Cases and Controls in Influenza Working Group Spain. Influenza vaccine effectiveness in preventing outpatient, inpatient, and severe cases of laboratory-confirmed influenza. *Clin Infect Dis*. 23532475
- Castilla J, Martínez-Baz I, Godoy P, Toledo D, Astray J, García S, Mayoral JM, Martín V, González-Candelas F, Guevara M, Diaz-Borrego J, Torner N, Baricot M, Tamames S, Domínguez A. Trends in influenza vaccine coverage among primary healthcare workers in Spain, 2008-2011. *Prev Med*. 23732251
- Castilla J, Martínez-Baz I, Martínez-Artola V, Fernández-Alonso M, Reina G, Guevara M, García Cenoz M, Elia F, Álvarez N, Barricarte A, Ezpeleta C. Early estimates of influenza vaccine effectiveness in Navarre, Spain: 2012/13 mid-season analysis. *Euro Surveill*. 23449182

- Castilla J, Martínez-Baz I, Martínez-Artola V, Reina G, Pozo F, García Cenoz M, Guevara M, Morán J, Irisarri F, Arriazu M, Albéniz E, Ezpeleta C, Barricarte A; Primary Health Care Sentinel Network; Network for Influenza Surveillance in Hospitals of Navarre.. Decline in influenza vaccine effectiveness with time after vaccination, Navarre, Spain, season 2011/12. *Euro Surveill.* 23399423
- Castro P, Plana M, González R, López A, Vilella A, Nicolas JM, Gallart T, Pumarola T, Bayas JM, Gatell JM, García F. Influence Of Episodes Of Intermittent Viremia ("Blips") On Immune Responses And Viral Load Rebound In Successfully Treated HIV-Infected Patients. *AIDS Res Hum Retroviruses.* 23121249
- Cavero Carbonell C, Zurriaga O, Pérez Panadés J, Barona Vilar C, Martos Jiménez C.. Temporal variation and geographical distribution: congenital heart defects in the Comunitat Valenciana.. *An Pediatr (Barc).* 23481464
- Ceballos NA, Morón SV, Berciano JM, Nicolás O, López CA, Juste J, Nevado CR, Setién AA, Echevarría JE. Novel lyssavirus in bat, Spain. *Emerg Infect Dis.* 23648051
- Cebrian A; Taron M; Sala N; Ardanaz E; Chirlaque MD; Larranaga N; Redondo ML; Sanchez MJ; Gomez Del PT; Camps C; Rosell R; Gonzalez CA; Laca JC;. Variants in phospholipid metabolism and upstream regulators and non-small cell lung cancer susceptibility. *Clin Transl Oncol.* 23896864
- Cenoz MG, Martínez-Artola V, Guevara M, Ezpeleta C, Barricarte A, Castilla J.. Effectiveness of one and two doses of varicella vaccine in preventing laboratory-confirmed cases in children in Navarre, Spain. *Hum Vaccin.* 23324571
- Chaccour, C.J.; Kobylinski, K.C.; Bassat, Q.; Bousema, T.; Drakeley, C.; Alonso, P.; Foy, B.D. Ivermectin to reduce malaria transmission: a research agenda for a promising new tool for elimination. *Malaria Journal.* 23647969
- Chahua M, Sordo L, Barrio G, Domingo-Salvany A, Brugal MT, Molist G, de la Fuente L, Bravo MJ. Non-Fatal Opioid Overdose and Major Depression among Street-Recruited Young Heroin Users. *Eur Addict Res.* 23921233
- Chakravarthy U, McKay GJ, de Jong PT, Rahu M, Seland J, Soubrane G, Tomazzoli L, Topouzis F, Vingerling JR, Vioque J, Young IS, Sofat R, Hingorani AD, Fletcher AE.. ARMS2 increases the risk of early and late age-related macular degeneration in the European Eye Study. *Ophthalmology.* 23098369
- Chapman E, Reveiz L, Chambliss A, Sangalang S, Bonfill X.. Cochrane systematic reviews are useful to map research gaps for decreasing maternal mortality. *J Clin Epidemiol.* 23177899
- Chatzi L; Garcia R; Roumeliotaki T; Basterrechea M; Begiristain H; Iniguez C; Vioque J; Kogevinas M; Sunyer J;. Mediterranean diet adherence during pregnancy and risk of wheeze and eczema in the first year of life: INMA (Spain) and RHEA (Greece) mother-child cohort studies. *Br J Nutr.* 23680284
- Chen Y, Schieppati A, Cai G, Chen X, Zamora J, Giuliano GA, Braun N, Perna A. Immunosuppression for membranous nephropathy: a systematic review and meta-analysis of 36 clinical trials.. *Clin J Am Soc Nephrol.* 23449768
- Chen Z, Cao M, Plana MN, Liang J, Cai H, Kuwana M, Sun L. Utility of anti-MDA5 antibody measurement in identifying patients with dermatomyositis and a high risk for developing rapidly progressive interstitial lung disease: A review of the literature and a meta-analysis. *Arthritis Care Res (Hoboken).* 23908005
- Chico J, Rúbies A, Centrich F, Companyó R, Prat MD, Granados M.. Use of gel permeation chromatography for clean-up in the analysis of coccidiostats in eggs by liquid chromatography-tandem mass spectrometry. *Anal Bioanal Chem.* 23535744
- Chlibek, R.; Bayas, J.M.; Collins, H.; de la Pinta, M.L.R.; Ledent, E.; Mols, J.F.; Heineman, T.C. Safety and Immunogenicity of an AS01-Adjuvanted Varicella-zoster Virus Subunit Candidate Vaccine Against Herpes Zoster in Adults ≥ 50 Years of Age. *Journal of Infectious Diseases.* 23904292
- Chung H, Ng E, Ibrahim S, Karlsson B, Benach J, Espelt A, Muntaner C.. Welfare state regimes, gender, and depression: a multilevel analysis of middle and high income countries.. *Int J Environ Res Public Health.* 23538729
- Cipollini M., S. Pastor, F. Gemignani, J. Castell, S. Garritano, A. Bonotti, J. Biarnés, G. Figlioli, C. Romei, R. Marcos, A. Cristaudo, R. Elisei, S. Landi, A. Velázquez. TPO genetic variants and risk of differentiated thyroid carcinoma in two European populations. *International Journal of Cancer.* 23754668
- Ciprian D, Navarrete-Muñoz EM, García de la Hera M, Gimenez-Monzo D, González-Palacios S, Valera-Gran D, Sempere-Orts M, Vioque J. MEDITERRANEAN AND WESTERN DIETARY PATTERNS IN ADULT POPULATION OF A MEDITERRANEAN AREA; A CLUSTER ANALYSIS. *Nutrición Hospitalaria.* 24160241
- Cirera L, Cirarda F, Palència L, Estarlich M, Montes-Martínez A, Lorenzo P, Daponte-Codina A, López-Abente G.. Mortality due to haematological cancer in cities close to petroleum refineries in Spain.. *Environ Sci Pollut Res Int.* 22996818
- Cirera L, Huerta JM, Chirlaque MD, Buckland G, Larranaga N, Sánchez MJ, Agudo A, Amiano P, Quirós JR, Ardanaz E, Arriola L, Molina E, Dorronsoro M, Barricarte A, González CA, Moreno-Iribas C, Navarro C. Unfavourable life-course social gradient of coronary heart disease within Spain: a low-incidence welfare-state country. *Int J Public Health.* 22674376
- Ciruela P, Martínez A, Izquierdo C, Hernández S, Broner S, Muñoz-Almagro C, Domínguez A, Of Catalonia Study Group TM. Epidemiology of vaccine-preventable invasive diseases in Catalonia in the era of conjugate vaccines. *Hum Vaccin.* 23303166
- Ciruela P, Soldevila N, Hernández S, Selva L, de Sevilla MF, García-García JJ, Moraga F, Planes AM, Muñoz-Almagro C, Domínguez A. Risk factors for invasive pneumococcal disease in a community with a high proportion of non vaccine serotypes.. *Vaccine.* 23261046
- Ciruela P, Soldevila N, Selva L, Hernández S, García-García JJ, Moraga F, de Sevilla MF, Codina G, Planes AM, Esteva C, Coll F, Cardeñosa N, Jordan I, Batalla J, Salleras L, Muñoz-Almagro C, Domínguez A.. Are risk factors associated with invasive pneumococcal disease according to different serotypes? *Hum Vaccin.* 23295982

- Clèries R, Esteban L, Borràs J, Marcos-Gragera R, Freitas A, Carulla M, Buxó M, Puigdefàbregas A, Izquierdo A, Gispert R, Galceran J, Ribes J. Time trends of cancer incidence and mortality in Catalonia during 1993-2007. *Clinical & Translational Oncology*. 23740137
- Clèries R, Martínez JM, Moreno V, Yasui Y, Ribes J, Borràs JM. Predicting the Change in Breast Cancer Deaths in Spain by 2019: A Bayesian Approach. *Epidemiology*. 23493031
- Cocco P, Satta G, Dubois S, Pili C, Pilleri M, Zucca M, 't Mannetje AM, Becker N, Benavente Y, de Sanjosé S, Foretova L, Staines A, Maynadié M, Nieters A, Brennan P, Miligi L, Ennas MG, Boffetta P. Lymphoma risk and occupational exposure to pesticides: results of the Epilymph study. *Occup Environ Med*. 23117219
- Cocco P, Vermeulen R, Flore V, Nonne T, Campagna M, Purdue M, Blair A, Monnereau A, Orsi L, Clavel J, Becker N, de Sanjosé S, Foretova L, Staines A, Maynadié M, Nieters A, Miligi L, 't Mannetje A, Krickler A, Brennan P, Boffetta P, Lan Q, Rothman N. Occupational exposure to trichloroethylene and risk of non-Hodgkin lymphoma and its major subtypes: a pooled InterLymph analysis. *Occup Environ Med*. 23881218
- Coggon D, Ntani G, Palmer KT, Felli VE, Harari R, Barrero LH, Felknor SA, Gimeno D, Cattrell A, Serra C, Bonzini M, Solidaki E, Merisalu E, Habib RR, Sadeghian F, Massod-Kadir M, Warnakulasuriya SS, Matsudaira K, Nyantumbu B, Sim MR, Harcombe H, Cox K, Marziale MH, Sarquis LM, Harari F, Freire R, Harari N, Monroy MV, Quintana LA, Rojas M, Salazar Vega EJ, Harris EC, Vargas-Prada S, Maritnez JM, Delclos G, Benavides FG, Carugno M, Ferrario MM, Pesatori AC, Chatzi L, Bitsios P, Kogevinas M, Oha K, Sirk T, Sadeghian A, Peiris-John RJ, Sathiakumar N, Wickremasinghe AR, Yoshimura N, Kelsall HL, Hoe VC, Urquhart DM, Derrett S, McBride D, Herbison P, Gray A. Disabling musculoskeletal pain in working populations: Is it the job, the person, or the culture?. *Pain*. 23688828
- Coggon D, Ntani G, Palmer KT, Felli VE, Harari R, Barrero LH, Felknor SA, Gimeno D, Cattrell A, Vargas-Prada S, Bonzini M, Solidaki E, Merisalu E, Habib RR, Sadeghian F, Massod Kadir M, Warnakulasuriya SS, Matsudaira K, Nyantumbu B, Slim MR, Harcombe H, Cox K, Marziale MH, Sarquis LM, Harari F, Freire R, Harari N, Monroy MV, Quintana LA, Rojas M, Salazar Vega EJ, Clare Harris E, Serra C, Miguel Martinez J, Delclos G, Benavides FG, Carugno M, Ferrario MM, Pesatori AC, Chatzi L, Bitsios P, Kogevinas M, Oha K, Sirk T, Sadeghian A, Peiris-John RJ, Sathiakumar N, Rajitha Wickremasinghe A, Yoshimura N, Kelsall HL, Hoe VC, Urquhart DM, Derrett S, McBride D, Herbison P, Gray A. Patterns of multi-site pain and associations with risk factors. *Pain*. 23727463
- Coggon D, Ntani G, Vargas-Prada S, Martinez JM, Serra C, Benavides FG, Palmer KT; Members of CUPID Collaboration. International variation in absence from work attributed to musculoskeletal illness: findings from the CUPID study. *Occup Environ Med*. 23695413
- Coll E, Stoyanova E, Rodríguez-Ribera L, Solozábal M, Pastor S, Silva I, Diaz JM, Ballarin J, Xamena N, Marcos R. Genetic damage and mortality in hemodialysis patients. *Clin Nephrol*. 23587126
- Comas I, Coscolla M, Luo T, Borrell S, Holt KE, Kato-Maeda M, Parkhill J, Malla B, Berg S, Thwaites G, Yeboah-Manu D, Bothamley G, Mei J, Wei L, Bentley S, Harris SR, Niemann S, Diel R, Aseffa A, Gao Q, Young D, Gagneux S.. Out-of-Africa migration and Neolithic coexpansion of Mycobacterium tuberculosis with modern humans. *Nature Genetics*. 23995134
- Companioni O, Bonet C, Muñoz X, Weiderpass E, Panico S, Tumino R, Palli D, Agnoli C, Vineis P, Boutron-Ruault MC, Racine A, Clavel-Chapelon F, Travis RC, Khaw KT, Riboli E, Murphy N, Vergnaud AC, Trichopoulou A, Benetou V, Trichopoulos D, Lund E, Johansen D, Lindkvist B, Johansson M, Sund M, Ardanaz E, Sánchez-Cantalejo E, Huerta JM, Dorronsoro M, Ramón Quirós J, Tjonneland A, Maxild Mortensen L, Overvad K, Chang-Claude J, Rizzato C, Boeing H, de Mesquita HB, Siersema P, Peeters PH, Numans ME, Carneiro F, Licaj I, Freisling H, Sala N, González CA. Polymorphisms of Helicobacter pylori signaling pathway genes and gastric cancer risk in the European prospective investigation into cancer-eurgast cohort. *Int J Cancer*. 23824692
- Companioni O; Bonet C; Muñoz X; Weiderpass E; Panico S; Tumino R; Palli D; Agnoli C; Vineis P; Boutron-Ruault MC; Racine A; Clavel-Chapelon F; Travis RC; Khaw KT; Riboli E; Murphy N; Vergnaud AC; Trichopoulou A; Benetou V; Trichopoulos D; Lund E; Johansen D; Lindkvist B; Johansson M; Sund M; Ardanaz E; Sanchez-Cantalejo E; Huerta JM; Dorronsoro M; Quiros JR; Tjonneland A; Mortensen LM; Overvad K; Chang-Claude J; Rizzato C; Boeing H; de Mesquita HB; Siersema P; Peeters PH; Numans ME; Carneiro F; Licaj I; Freisling H; Sala N; Gonzalez CA; Polymorphisms of H. pylori signaling pathway genes and gastric cancer risk in the European EPIC-eurgast cohort. *Int J Cancer*. 23824692
- Cornejo M, Pérez G, de Lima KC, Casals-Pedro E, Borrell C.. Oral Health-Related Quality of Life in institutionalized elderly in Barcelona (Spain). *Med Oral Patol Oral Cir Bucal*. 23385501
- Cornejo-Ovalle M, Costa-de-Lima K, Pérez G, Borrell C, Casals-Pedro E. Oral health care activities performed by caregivers for Institutionalized elderly in Barcelona-Spain. *Med Oral Patol Oral Cir Bucal*. 23524433
- Corrales A, González-Juanatey C, Peiró ME, Blanco R, Llorca J, González-Gay MA.. Carotid ultrasound is useful for the cardiovascular risk stratification of patients with rheumatoid arthritis: results of a population-based study. *Ann Rheum Dis*. . 23505241
- Corrales A, Parra JA, González-Juanatey C, Rueda-Gotor J, Blanco R, Llorca J, González-Gay MA. Cardiovascular risk stratification in rheumatic diseases: carotid ultrasound is more sensitive than Coronary Artery Calcification Score to detect subclinical atherosclerosis in patients with rheumatoid arthritis. *Ann Rheum Dis*. 23852762
- Coscolla M, Lewin A, Metzger S, Maetz-Rensing K, Calvignac-Spencer S, Nitsche A, Dabrowski PW, Radonic A, Niemann S, Parkhill J, Couacy-Hymann E, Feldman J, Comas I, Boesch C, Gagneux S, Leendertz FH.. Novel Mycobacterium tuberculosis complex isolate from a wild chimpanzee.. *Emerging Infectious Diseases*. 23735084
- Costas, L (Costas, Laura)[1,2,3] ; Papadopoulou, E (Papadopoulou, Eleni)[4,5,6,7] ; Perez-Gomez, B (Perez-Gomez, Beatriz)[8,9] ; Basagana, X (Basagana, Xavier)[4,5,9] ; Alarcon, F (Alarcon, Francesc)[1,9] ; Casabonne, D (Casabonne, Delphine)[1,9] ; Benavente, Y (Benavente, Yolanda)[1,9] ; Castano-Vinyals, G

- (Castano-Vinyals, Gemma)[4,5,9] ; Kogevinas, M (Kogevinas, Manolis)[4,5,7,9] ; de Sanjose, S (de Sanjose, Silvia) [1,2,9]. Reliability of 2D:4D measurements using a direct method suitable for clinical settings. *PERSONALITY AND INDIVIDUAL DIFFERENCES*.
- Cousminer DL, Berry DJ, Timpson NJ, Ang W, Thiering E, Byrne EM, Taal HR, Huikari V, Bradfield JP, Kerkhof M, Groen-Blokhuis MM, Kreiner-Møller E, Marinelli M, Holst C, Leinonen JT, Perry JR, Surakka I, Pietiläinen O, Kettunen J, Anttila V, Kaakinen M, Sovio. Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. *Hum Mol Genet*. 23449627
- Crespo Fernández I, Soldevila N, Carmona G, Sala MR, Godoy P, Domínguez A, Group Of Catalonia TP.. Surveillance of hospitalized and outpatient cases of pertussis in Catalonia from 2003 to 2009. *Hum Vaccin*. 23302866
- Crocetti E, Caldarella A, Ferretti S, Ardanaz E, Arveux P, Bara S, Barrios E, Bento MJ, Bordoni A, Buzzoni C, Candela G, Colombani F, Delafosse P, Federico M, Francart J, Giacomini A, Grosclaude P, Guizard AV, Izarzugaza I, Konzelmann I, La Rosa F, Lapotre B, Leone N, Ligier K, Mangone L, Marcos-Gragera R, Martinez R, Michelena MJ, Michiara M, Miranda A, Molinié F, Mugarza-Gomez C, Paci E, Piffer S, Puig-Vives M, Sacchettini C, Sánchez MJ, Traina A, Tretarre B, Tumino R, Van Vaerenbergh E, Velten M, Woronoff AS. Consistency and inconsistency in testing biomarkers in breast cancer. A GRELL study in cut-off variability in the Romance language countries. *Breast*. 23669022
- Culqui DR, Díaz J, Simón F, Linares C. Impact of the effects of heat waves on mortality in the city of Madrid, Spain during the period 1990-2009. *Revista Española de Salud Pública*. 23892679
- D Culqui, J Díaz, F Simón, A Tobías, C Linares. Evaluation plan for surveillance and controlling of the effects of heat waves in Madrid. *International Journal of Biometeorology*. 24077674
- Dadvand P, Figueras F, Basagana X, Beelen R, Martinez D, Cirach M, Schembari A, Hoek G, Brunekreef B, Nieuwenhuijsen MJ. Ambient air pollution and preeclampsia: A spatiotemporal analysis. *Environ Health Perspect*. 24021707
- Dadvand P, Parker J, Bell ML, Bonzini M, Brauer M, Darrow LA, Gehring U, Glinianaia SV, Gouveia N, Ha EH, Leem JH, van den Hooven EH, Jalaludin B, Jesdale BM, Lepeule J, Morello-Frosch R, Morgan GG, Pesatori AC, Pierik FH, Pless-Mulloli T, Rich DQ, Sathyanar. Maternal exposure to particulate air pollution and term birth weight: a multi-country evaluation of effect and heterogeneity. *Env Health Perspect*. 23384584
- Davó-Blanes MC, Ortiz-Moncada R, Gil-González D, Alvarez-Dardet C, Lobstein T. The impact of marketing practices and its regulation policies on childhood obesity. Opinions of stakeholders in Spain. *Appetite*. 23228903
- Davó-Blanes MC, Vives-Cases C, Alvarez-Dardet C, Segura-Benedicto A A, Bosch Llonch F, G Benavides F. Public health competencies and contents in Spanish university degree programs of physical therapy, occupational therapy, environmental science, dentistry and veterinary science. *Gac Sanit*. 24041446
- de Antonio M, Lupón J, Galán A, Vila JS, Zamora E, Urrutia A, Díez C, Coll R, Altimir S, Bayés-Genís A*. Head-to-head comparison of high-sensitivity troponin T and sensitive-contemporary troponin I regarding heart failure risk stratification. *Clin Chim Acta*. 23978483
- De Hoogh K, Wang M, Adam M, Badaloni C, Beelen R, Birk M, Cesaroni G, Cirach M, Declercq C, Dedele A, Dons E, de Nazelle A, Eeftens M, Erikson KT, Eriksson C, Fischer P, Grazuleviciene R, Gryparis A, Hoffmann B, Jerrett M, Katsouyanni K, Iakovides M, Lanki T, Lindley S, Madsen C, Molter A, Mosler G, Nador G, Nieuwenhuijsen MJ, Pershagen G, Peters A, Phuleria H, Probst-Hensch N, Raaschou-Nielsen O, Quass U, Ranzi A, Stephanou EG, Sugiri D, Schwarze P, Tsai MY, Yli-Tuomi T, Varro MJ, Vienneau D, Weinmayr G, Brunekreef B, Hoek G. Development of land use regression models for particle composition in 20 study areas in Europe. *Environ Sci Technol*. 23651082
- de la Fuente L, Molist G, Espelt A, Barrio G, Guitart A, Bravo MJ, Brugal MT.. Mortality risk factors and excess mortality in a cohort of cocaine users admitted to drug treatment in Spain. *J.Subst.Abuse Treat*. 24035555
- de la Torre Hernandez JM, Lopez-Palop R, Garcia Camarero T, Carrillo Saez P, Martin Gorria G, Frutos Garcia A, Arnaez Corada B, Cordero Fort A, Gomez Delgado JM, Agudo Quilez P, Lee DH, Mateo Rodriguez I, Sainz Laso F, Khashaba A, Miralles Arques S, Zueco Gil J. Clinical outcomes after intravascular ultrasound and fractional flow reserve assessment of intermediate coronary lesions. Propensity score matching of large cohorts from two institutions with a differential approach. *EuroIntervention*. 23685248
- de la Torre MC, Bolibar I, Vendrell M, de Gracia J, Vendrell E, Rodrigo MJ, Boquet X, Torreadella P, Yébenes JC, Serra-Prat M, Rello J, Torres A, Almirall J.. Serum immunoglobulins in the infected and convalescent phases in community-acquired pneumonia. *Respir Med*. 24084059
- de Mulder M, York VA, Wiznia AA, Michaud HA, Nixon DF, Holguin A, Rosenberg MG.. HIV-1 Drug Resistance Prevalence, Drug Susceptibility and Variant Characterization in the Jacobi Medical Center Pediatric Cohort, Bronx, NY, US. *HIV Med*. 24112468
- de Nazelle A, Seto E, Donaire-Gonzalez D, Mendez M, Matamala J, Nieuwenhuijsen MJ, Jerrett M. Improving estimates of air pollution exposure through ubiquitous sensing technologies. *Environ Pollut*. 23416743
- de Nazelle, A (de Nazelle, Audrey)[1,2,3,4] ; Aguilera, I (Aguilera, Inmaculada)[2,3,4] ; Nieuwenhuijsen, M (Nieuwenhuijsen, Mark)[2,3,4] ; Beelen, R (Beelen, Rob)[5] ; Cirach, M (Cirach, Marta)[2,3,4] ; Hoek, G (Hoek, Gerard)[5] ; de Hoogh, K (de Hoogh, Kees)[6] ; Sunyer, J (Sunyer, Jordi)[2,3,4,7] ; Targa, J (Targa, Jaume)[8] ; Brunekreef, B (Brunekreef, Bert)[5,9] ; Kunzli, N (Kuenzli, Nino)[10,11] ; Basagana, X (Basagana, Xavier) [2,3,4]. Comparison of performance of land use regression models derived for Catalunya, Spain. *ATMOSPHERIC ENVIRONMENT*. WOS:000324848500063
- de Ory F, Avellón A, Echevarría JE, Sánchez-Seco MP, Trallero G, Cabrerizo M, Casas I, Pozo F, Fedele G, Vicente D, Pena MJ, Moreno A, Niubo J, Rabella N, Rubio G, Pérez-Ruiz M, Rodríguez-Iglesias M, Gimeno C, Eiros JM, Melón S, Blasco M, López-Miragaya I.. Viral infections of the central nervous system in Spain: a prospective study. *J Med Virol*. 23239485
- de Sanjosé S, Alemany L, Ordi J, Tous S, Alejo M, Bigby SM, Joura EA, Maldonado P, Laco J, Bravo IG, Vidal A, Guimerà N,

- Cross P, Wain GV, Petry KU, Mariani L, Bergeron C, Mandys V, Sica AR, Félix A, Usubutun A, Seoud M, Hernández-Suárez G, Nowakowski AM, Wilson G, Dalstein V, Hampl M, Kasamatsu ES, Lombardi LE, Tinoco L, Alvarado-Cabrero I, Perrotta M, Bhatla N, Agorastos T, Lynch CF, Goodman MT, Shin HR, Viarheichyk H, Jach R, Cruz MO, Velasco J, Molina C, Bornstein J, Ferrera A, Domingo EJ, Chou CY, Banjo AF, Castellsagué X, Pawlita M, Lloveras B, Quint WG, Muñoz N, Bosch FX; HPV VVAP study group.. Worldwide human papillomavirus genotype attribution in over 2000 cases of intraepithelial and invasive lesions of the vulva. *Eur J Cancer*. . 23886586
- de Sanjose S, Wheeler CM, Quint WG, Hunt WC, Joste NE, Alemany L, Xavier Bosch F; Retrospective International Survey and HPV Time Trends Study Group, Myers ER, Castle PE. Age-specific occurrence of HPV16- and HPV18-related cervical cancer. *Cancer Epidemiol Biomarkers Prev.* 23632816
- Del Pino, M.; Rodríguez-Carunchio, L.; Ordi, J. Pathways of vulvar intraepithelial neoplasia and squamous cell carcinoma. *Histopathology*. 23190170
- del Río Lozano M, García Calvente MM, Marcos Marcos J, Entrena F, Maroto Navarro G. Gender Identity in Informal Care: Impact on Health in Spanish Caregivers. *Qual Health Res*. 24096518
- Delclós J, Gimeno D, Torá I, Martínez JM, Manzanera R, Jardí J, Alberti C, GBenavides F. Distribution of the duration of nonoccupational sick leave by medical diagnosis (catalonia, spain, 2006-2008). *Gac Sanit*. 22657870
- Delgado Marroquín MT, Denizon Arranz S, Monreal Hijar A, Martín Zurro A, Otero Puime A, Mundet Tuduri X, Alonso-Coello P, Jiménez Villa J; por el Grupo de Investigación Universidad y Medicina de Familia (UNIMEDFAM). Reliability of a questionnaire used in the long-term follow up of the opinion and perceptions of family medicine by medical students of the University of Zaragoza (Spain).. *Aten Primaria*. 23347912
- Delgado-Rodríguez M, Castilla J, Godoy P, Martín V, Soldevila N, Alonso J, Astray J, Baricot M, Galán JC, Castro A, González-Candelas F, Mayoral JM, Quintana JM, Pumarola T, Tamames S, Sáez M, Domínguez A; the CIBERESP Cases and Controls in Pandemic Influenza Working Group, Spain.. Different prognosis in hospitalized patients with influenza one season after the pandemic H1N1 influenza of 2009-2010 in Spain.. *Influenza Other Respi Viruses*. 23647645
- Demarest S, Van OH, Roskam AJ, Cox B, Regidor E, Mackenbach JP, Kunst AE.. Educational inequalities in leisure-time physical activity in 15 European countries.. *Eur J Public Health*. 23748597
- Demir E, Turna F, Kaya B, Creus A, Marcos R. Mutagenic/ recombinogenic effects of four lipid peroxidation products in *Drosophila*. *Food Chem Toxicol*. 23238235
- Demir E, F. Turna, G. Vales, B. Kaya, A. Creus, R. Marcos. In vivo genotoxicity assessment of titanium, zirconium and aluminium nanoparticles, and their ions, in *Drosophila*. *Chemosphere*. 24095613
- den Exter PL, Gómez V, Jiménez D, Trujillo-Santos J, Muriel A, Huisman MV, Monreal M; Registro Informatizado de la Enfermedad TromboEmbólica (RIETE) Investigators. A clinical prognostic model for the identification of low-risk patients with acute symptomatic pulmonary embolism and active cancer. *Chest*. 22814859
- Dezetter A, Briffault X, Bruffaerts R, De Graaf R, Alonso J, König HH, Haro JM, de Girolamo G, Vilagut G, Kovess-Masféty V. Use of general practitioners versus mental health professionals in six European countries: the decisive role of the organization of mental health-care systems. *Soc Psychiatry Psychiatr Epidemiol*. 22644000
- Díez-Aguilar M, Morosini MI, Del Campo R, García-Castillo M, Zamora J, Cantón R. In Vitro Activity of Fosfomycin Against a Collection of Clinical *Pseudomonas aeruginosa* Recovered from 16 Spanish Hospitals: Establishing the Validity of Standard Broth Microdilution as Susceptibility Testing Method.. *Antimicrob Agents Chemother*. 23939889
- Docampo E, Collado A, Escaramís G, Carbonell J, Rivera J, Vidal J, Alegre J, Rabionet R, Estivill X. Cluster Analysis of Clinical Data Identifies Fibromyalgia Subgroups.. *PLoS One*. 24098674
- Domingo-Salvany A, Bacigalupe A, Carrasco JM, Espelt A, Ferrando J, Borrell C. Proposals for social class classification based on the Spanish National Classification of Occupations 2011 using neo-Weberian and neo-Marxist approaches. *Gac Sanit*. 23394892
- Domínguez A*, Castilla J, Godoy P, Delgado-Rodríguez M, Saez M, Soldevila N, Astray J, María Mayoral J, Martín V, María Quintana J, González-Candelas F, Galán JC, Tamames S, Acosta AC, Baricot M, Garin O, José García J, Moraga F, Pumarola T; CIBERESP Cases and Controls in Pandemic Influenza Working Group Spain. Benefit of conjugate pneumococcal vaccination in preventing influenza hospitalization in children: a case-control study. *Pediatr Infect Dis J*. 23337901
- Domínguez A, Castilla Catalán J, Godoy P, Delgado-Rodríguez M, Saez M, Soldevila N, Astray J, María Mayoral J, Martín V, María Quintana J, González-Candelas F, Carlos Galán J, Tamames S, Castro A, Baricot M, Garin O, Pumarola T.. Effectiveness of vaccination with 23-valent pneumococcal polysaccharide vaccine in preventing hospitalization with laboratory confirmed influenza during the 2009-2010 and 2010-2011 seasons. *Hum Vaccin*. 23563516
- Domínguez A.. What do we learn from outbreaks of vaccine-preventable diseases?. *Gac Sanit*. 23200768
- Donaire-Gonzalez D, de Nazelle A, Seto E, Mendez M, Nieuwenhuijsen MJ, Jerret M. Comparison of physical activity measures using mobile phone-based CalFit and Actigraph. *J Med Intern Res*. 23896156
- Donaire-Gonzalez D, Gimeno-Santos E, Balcells E, Rodríguez DA, Farrero E, Batlle JD, Benet M, Ferrer A, Barberà JA, Gea J, Rodríguez-Roisin R, Antó JM, García-Aymerich J.. Physical activity in COPD patients: patterns and bouts. *Eur Resp J*. 23258786
- Dos L, Pujadas S, Estruch M, Mas A, Ferreira-González I, Pijuan A, Serra R, Ordóñez-Llanos J, Subirana M, Pons-Lladó G, Marsal JR, García-Dorado D, Casaldáliga J.. Eplerenone in systemic right ventricle: Double blind randomized clinical trial. *Int J Cardiol*. 23972966
- Dossus L, Lukanova A, Rinaldi S, Allen N, Cust AE, Becker S, Tjonneland A, Hansen L, Overvad K, Chabbert-Buffet N,

- Mesrine S, Clavel-Chapelon F, Teucher B, Chang-Claude J, Boeing H, Drogan D, Trichopoulou A, Benetou V, Bamia C, Palli D, Agnoli C, Galasso R. Hormonal, Metabolic, and Inflammatory Profiles and Endometrial Cancer Risk Within the EPIC Cohort--A Factor Analysis. *Am J Epidemiol*. 23492765
- Duell EJ, Lujan-Barroso L, Llivina C, Muñoz X, Jenab M, Boutron-Ruault MC, Clavel-Chapelon F, Racine A, Boeing H, Buijsse B, Canzian F, Johnson T, Dalgård C, Overvad K, Tjønneland A, Olsen A, Sánchez SC, Sánchez-Cantalejo E, Huerta JM, Ardanaz E, Dorronsoro M, Khaw KT, Travis RC, Trichopoulou A, Trichopoulos D, Rafnsson S, Palli D, Sacerdote C, Tumino R, Panico S, Grioni S, Bueno-de-Mesquita HB, Ros MM, Numans ME, Peeters PH, Johansen D, Lindkvist B, Johansson M, Johansson I, Skeie G, Weiderpass E, Duarte-Salles T, Stenling R, Riboli E, Sala N, González CA. Vitamin C transporter gene (SLC23A1 and SLC23A2) polymorphisms, plasma vitamin C levels, and gastric cancer risk in the EPIC cohort. *Genes Nutr*. 23737080
- Duell EJ, Travier N, Lujan-Barroso L, Dossus L, Boutron-Ruault MC, Clavel-Chapelon F, Tumino R, Masala G, Krogh V, Panico S, Ricceri F, Redondo ML, Dorronsoro M, Molina-Montes E, Huerta JM, Barricarte A, Khaw KT, Wareham NJ, Allen NE, Travis R, Siersema PD. Menstrual and reproductive factors in women, genetic variation in CYP17A1, and pancreatic cancer risk in the European prospective investigation into cancer and nutrition (EPIC) cohort. *Int J Cancer*. 23015357
- Dumas, O (Dumas, Orianne)[1,2] ; Moual, N (Le Moual, Nicole)[1,2] ; Siroux, V (Siroux, Valerie)[3,4] ; Heederik, D (Heederik, Dick)[5] ; Garcia-Aymerich, J (Garcia-Aymerich, Judith)[6,7,8,9] ; Varraso, R (Varraso, Raphaelle)[1,2] ; Kauffmann, F (Kauffmann, Francine)[1,2] ; Basagana, X (Basagana, Xavier)[6,7,8] Work related asthma. A causal analysis controlling the healthy worker effect. *OCCUPATIONAL AND ENVIRONMENTAL MEDICINE* .
- Durbán A, Abellán JJ, Jiménez-Hernández N, Artacho A, Garrigues V, Ortiz V, Ponce J, Latorre A, Moya A. Instability of the faecal microbiota in diarrhoea-predominant irritable bowel syndrome. *FEMS Microbiol Ecol*. 23889283
- Eastman C, Schenker MB, Mitchell DC, Tancredi DJ, Bennett DH, Mitloehner FM. Acute pulmonary function change associated with work on large dairies in California. *J Occup Environ Med*. 23235464
- Ebrahim S, Akl EA, Mustafa RA, Sun X, Walter SD, Heels-Ansdell D, Alonso-Coello P, Johnston BC, Guyatt GH. Addressing continuous data for participants excluded from trial analysis: a guide for systematic reviewers. *J Clin Epidemiol*. 23774111
- Ecker, L.; Ochoa, T.J.; Vargas, M.; Del Valle, L.J.; Ruiz, J. Factors affecting caregivers' use of antibiotics available without a prescription in peru. *Pediatrics*. 23690517
- Elks CE, Ong KK, Scott RA, van der Schouw YT, Brand JS, Wark PA, Amiano P, Balkau B, Barricarte A, Boeing H, Fonseca-Nunes A, Franks PW, Grioni S, Halkjaer J, Kaaks R, Key TJ, Khaw KT, Mattiello A, Nilsson PM, Overvad K, Palli D, Quirós JR, Rinaldi S, Rolandsson O, Romieu I, Sacerdote C, Sánchez MJ, Spijkerman AM, Tjønneland A, Tormo MJ, Tumino R, van der A DL, Forouhi NG, Sharp SJ, Langenberg C, Riboli E, Wareham NJ; InterAct Consortium. Age at Menarche and Type 2 Diabetes Risk: The EPIC-InterAct study. *Diabetes Care*. 24159179
- Elosua R, Redondo A, Segura A, Fiol M, Aldasoro E, Vega G, Forteza J, Martí H, Arteagoitia JM, Marrugat J. Dose-response association of physical activity with acute myocardial infarction: Do amount and intensity matter? *Prev Med*. 23954185
- Eriksen J, Davidkin I, Kafatos G, Andrews N, Barbara C, Cohen D, Duks A, Griskevicius A, Johansen K, Bartha K, Kriz B, Mitis G, Mossong J, Nardone A, O'Flanagan D, DE Ory F, Pistola A, Theeten H, Prosenk K, Slacikova M, Pebody R. Seropidemiology of mumps in Europe (1996-2008) - why do outbreaks occur in highly vaccinated populations?. *Epidemiol Infect*. 22687578
- Escaramís G, Tornador C, Bassaganyas L, Rabionet R, Tubio JM, Martínez-Fundichely A, Cáceres M, Gut M, Ossowski S, Estivill X. PeSV-Fisher: identification of somatic and non-somatic structural variants using next generation sequencing data. *PLoS One*. 23704902
- Escribà-Agüir V, Royo-Marqués M, Artazcoz L, Romito P, Ruiz-Pérez I, Martín-Baena D. Personal and psychosocial predictors of psychological abuse by partners during and after pregnancy: a longitudinal cohort study in a community sample. *BJOG*. 23190370
- Escribà-Agüir V, Royo-Marqués M, Artazcoz L, Romito P, Ruiz-Pérez I. Longitudinal study of depression and health status in pregnant women: incidence, course and predictive factors. *Eur Arch Psychiatry Clin Neurosci*. 22743735
- Escudero Carretero MJ, Sánchez-Gómez S, González-Pérez R, Sanz Amores R, Prieto Rodríguez MA, Fernández E. Elaboration and validation of an informative document on adenoamigdalectomy for patients. *An Sist Sanit Navar*. 23648490
- Esnaola M, Puig P, Gonzalez D, Castelo R, Gonzalez JR. A flexible count data model to fit the wide diversity of expression profiles arising from extensively replicated RNA-seq experiments. *BMC Bioinformatics*. 23965047
- Espelt A, Borrell C, Palencia L, Goday A, Spadea T, Gnani R, Font-Ribera L, Kunst AE. Socioeconomic inequalities in the incidence and prevalence of type 2 diabetes mellitus in Europe. *Gac Sanit*. 23643719
- Espigares E, Moreno E, Fernández-Crehuet M, Jiménez E, Espigares M. Sustainable and effective control of trihalomethanes in the breakpoint chlorination of wastewater effluents. *Environ Technol*. 23530335
- Espina C, Porta M, Schüz J, Aguado IH, Percival RV, Dora C, Slevin T, Guzman JR, Meredith T, Landrigan PJ, Neira M. Environmental and occupational interventions for primary prevention of cancer: A cross-sectorial policy framework. *Env Health Perspect*. 23384642
- Espinosa A, Zock JP, Benavente Y, Boffetta P, Becker N, Brennan P, Cocco P, Foretova L, Maynadié M, Staines A, Nieters A, Kogevinas M, de Sanjose S. Occupational exposure to immunologically active agents and risk for lymphoma: The European Epilymph case-control study. *Cancer Epidemiol*. 23522435
- Estarlich M, Iñiguez C, Esplugues A, Mantilla E, Zurriaga O, Nolasco A, Ballester F. [The spatial distribution of population exposure to outdoor air pollution in Valencia (Spain) and its association with a deprivation index.] *Gac Sanit*. 22784779

- Esteban A, Frutos-Vivar F, Muriel A, Ferguson ND, Peñuelas O, Abraira V, Raymonds K, Rios F, Nin N, Apezteguía C, Violi DA, Thille AW, Brochard L, González M, Villagómez AJ, Hurtado J, Davies AR, Du B, Maggiore SM, Pelosi P, Soto L, Tomicic V, D'Empaire G, Matamis D, Abroug F, Moreno RP, Soares MA, Arabi Y, Sandi F, Jibaja M, Amin P, Koh Y, Kuiper MA, Bülow HH, Zeggwagh AA, Anzueto A.. Evolution of Mortality Over Time in Patients Receiving Mechanical Ventilation. *Am J Respir Crit Care Med*. 23631814
- Esteban-Gonzalo L, Veiga OL, Regidor E, Martinez D, Marcos A, Calle ME.. Immigrant Status, Acculturation and Risk of Overweight and Obesity in Adolescents Living in Madrid (Spain): The AFINOS Study. *J Immigr Minor Health*.. 24165987
- Esteva M, Leiva A, Ramos M, Pita-Fernández S, González-Luján L, Casamitjana M, Sánchez MA, Pértega-Díaz S, Ruiz A, Gonzalez-Santamaría P, Martín-Rabadán M, Costa-Alcaraz AM, Espí A, Macià F, Segura JM, Lafita S, Arnal-Monreal F, Amengual I, Boscá-Watts MM,. Factors related with symptom duration until diagnosis and treatment of symptomatic colorectal cancer. *BMC Cancer*. 23432789
- Evans N, Costantini M, Pasman HR, Van den Block L, Donker GA, Miccinesi G, Bertolissi S, Gil M, Boffin N, Zurriaga O, Deliens L, Onwuteaka-Philipsen B. End-of-Life Communication: A Retrospective Survey of Representative General Practitioner Networks in Four Countries. *J Pain Symptom Manage*. 23932176
- Evans N, Pasman HR, Vega Alonso T, Van den Block L, Miccinesi G, VanCasteren V, Donker G, Bertolissi S, Zurriaga O, Deliens L, Onwuteaka-Philipsen B;EUROIMPACT.. End-of-Life Decisions: A Cross-National Study of Treatment Preference Discussions and Surrogate Decision-Maker Appointments. *PLoS ONE*. 23472122
- Faner R, Nuñez B, Sauleda J, Garcia-Aymerich J, Pons J, Crespi C, Milà J, González JR, Maria Antó J, Agusti A; PAC-COPD Study Group. HLA distribution in COPD patients. *COPD*. 23514216
- Farràs M, Valls RM, Fernández-Castillejo S, Giralt M, Solà R, Subirana I, Motilva MJ, Konstantinidou V, Covas MI, Fitó M. Olive oil polyphenols enhance the expression of cholesterol efflux related genes in vivo in humans. A randomized controlled trial. *J Nutr Biochem*. 23333095
- Farré M, Picó Y, Barceló D. Direct peel monitoring of xenobiotics in fruit by direct analysis in real time coupled to a linear quadrupole ion trap-orbitrap mass spectrometer. *Anal Chem*. 23356415
- Fayed N, Lopez Del Hoyo Y, Andres E, Serrano-Blanco A, Bellón J, Aguilar K, Cebolla A, Garcia-Campayo J. Brain changes in long-term meditators using proton magnetic resonance spectroscopy and diffusion tensor imaging: a controlled study. *PLoS ONE*. 23536796
- Fedirko V, Jenab M, Rinaldi S, Biessy C, Allen NE, Dossus L, Onland-Moret NC, Schütze M, Tjønneland A, Hansen L, Overvad K, Clavel-Chapelon F, Chabbert-Buffet N, Kaaks R, Lukanova A, Bergmann MM, Boeing H, Trichopoulou A, Oustoglu E, Barbitsioti A, Saieva C. Alcohol drinking and endometrial cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *Ann Epidemiol*. 23273691
- Fedirko V, Lukanova A, Bamia C, Trichopoulou A, Trepo E, Nöthlings U, Schlesinger S, Aleksandrova K, Boffetta P, Tjønneland A, Johnsen NF, Overvad K, Fagherazzi G, Racine A, Boutron-Ruault MC, Grote V, Kaaks R, Boeing H, Naska A, Adarakis G, Valanou E, Palli. Glycemic index, glycemic load, dietary carbohydrate, and dietary fiber intake and risk of liver and biliary tract cancers in Western Europeans. *Ann Oncol*. 23123507
- Fedirko V; Trichopoulou A; Bamia C; Duarte-Salles T; Trepo E; Aleksandrova K; Nothlings U; Lukanova A; Lagiou P; Boffetta P; Trichopoulos D; Katzke VA; Overvad K; Tjønneland A; Hansen L; Boutron-Ruault MC; Fagherazzi G; Bastide N; Panico S; Grioni S; Vineis P; Palli D; Tumino R; Bueno-de-Mesquita HB; Peeters PH; Skeie G; Engeset D; Parr CL; Jakszyn P; Sanchez MJ; Barricarte A; Amiano P; Chirlaque M; Quiros JR; Sund M; Werner M; Sonestedt E; Ericson U; Key TJ; Khaw KT; Ferrari P; Romieu I; Riboli E; Jenab M. Consumption of fish and meats and risk of hepatocellular carcinoma: the European Prospective Investigation into Cancer and Nutrition (EPIC). *Ann Oncol*. 23670094
- Felix-Redondo FJ, Grau M*, Baena-Diez JM, Dégano IR, Cabrera de León A, Guembe MJ, Alzamora MT, Vega-Alonso T, Robles NR, Ortiz H, Rigo F, Mayoral-Sanchez E, Tormo MJ, Segura-Fragoso A, Fernández-Berges DJ. Prevalence of obesity and associated cardiovascular risk: the DARIOS study. *Bmc Public Health*. 23738609
- Fernández-Balbuena S, Belza MJ, Castilla J, Hoyos J, Rosales-Statkus ME, Sánchez R, de la Fuente L; Madrid Rapid HIV Testing Group. Awareness and use of nonoccupational HIV post-exposure prophylaxis among people receiving rapid HIV testing in Spain. *HIV Med*. 23088284
- Fernández-Dávila P, Folch C, Ferrer L, Soriano R, Diez M, Casabona J.. Who are the men who have sex with men in Spain that have never been tested for HIV?. *HIV Med*. 24033904
- Fernandez-Navarro P, Pita G, Santamariña C, Moreno MP, Vidal C, Miranda-García J, Asuncion N, Casanova F, Collado-García F, Herráez B, González-Neira A, Benítez J, Pollán M.. Association analysis between breast cancer genetic variants and mammographic density in a large population-based study (Determinants of Density in Mammographies in Spain) identifies susceptibility loci in TOX3 gene. *Eur J Cancer*. 23021931
- Fernández-Olmos A, García-Castillo M, Alba JM, Morosini MI, Lamas A, Romero B, Galán JC, Del Campo R, Cantón R. Population Structure and Antimicrobial Susceptibility of Both Non persistent and Persistent *Pseudomonas aeruginosa* Isolates Recovered from Cystic Fibrosis Patients. *J Clin Microbiol*.. 23761158
- Fernandez-Rozadilla C, Cazier JB, Tomlinson IP, Carvajal-Carmona LG, Palles C, Lamas MJ, Baiget M, López-Fernández LA, Brea-Fernández A, Abulí A, Bujanda L, Clofent J, Gonzalez D, Xicola R, Andreu M, Bessa X, Jover R, Llor X; EPICOLON Consortium, Moreno V. . A colorectal cancer genome-wide association study in a Spanish cohort identifies two variants associated with colorectal cancer risk at 1p33 and 8p12. *BMC genomics*. 23350875
- Fernández-Ruiz M, López-Medrano F, Varela-Peña P, Morales JM, García-Reyne A, San Juan R, Lumbreras C, Lora-Pablos D, Polanco N, Andrés A, Paz-Artal E, Aguado JM. Hypocomplementemia in Kidney Transplant Recipients: Impact on the Risk of Infectious Complications. *Am J Transplant*. 23311502

- Fernández-Sáez J, Ruiz-Cantero MT, Guijarro-Garví M, Carrasco-Portiño M, Roca-Pérez V, Chilet-Rosell E, Álvarez-Dardet C. Looking twice at the gender equity index for public health impact. *BMC Public Health*. 23855520
- Fernández-Somoano A, Hoek G, Tardon A.. The relationship between area-level socio-economic characteristics and outdoor NO2 concentrations in rural and urban areas of Northern Spain. *BMC Public Health*. 23351567
- Fernández-Somoano A, Tardon A. Socioeconomic status and exposure to outdoor NO2 and benzene in the Asturias INMA birth cohort, Spain. *J Epidemiol Community Health*. 23999377
- Ferrari P, Freisling H, Duell EJ, Kaaks R, Lujan-Barroso L, Clavel-Chapelon F, Boutron-Ruault MC, Nailler L, Polidoro S, Mattiello A, Palli D, Tumino R, Grioni S, Knüppel S, Tjønneland A, Olsen A, Overvad K, Orfanos P, Katsoulis M, Trichopoulos A, Quirós JR. Challenges in estimating the validity of dietary acrylamide measurements. *Eur J Nutr*. 23114503
- Ferrari P, Rinaldi S, Jenab M, Lukanova A, Olsen A, Tjønneland A, Overvad K, Clavel-Chapelon F, Fagherazzi G, Touillaud M, Kaaks R, von Ruesten A, Boeing H, Trichopoulos A, Lagiou P, Benetou V, Grioni S, Panico S, Masala G, Tumino R, Polidoro S, Bakker MF, va. Dietary fiber intake and risk of hormonal receptor-defined breast cancer in the European Prospective Investigation into Cancer and Nutrition study. *Am J Clin Nutr*. 23269820
- Ferrer M*, Guedea F, Suarez JF, de Paula B, Macias V, Mariño A, Hervas A, Herruzo I, Ortiz MJ, Ponce de Leon J, Sancho G, Boladeras A, Ayala A, Craven-Bratle J, Avila M, Cunillera O, Pardo Y, Alonso J, Aguiló F. Quality of Life Impact of Treatments for Localized Prostate Cancer: Cohort Study with a 5 Year Follow-up. *Radiother Oncol*. 23849168
- Figueroa JD, Ye Y, Siddiq A, Garcia-Closas M, Chatterjee N, Prokunina-Olsson L, Cortessis VK, Kooperberg C, Cussenot O, Benhamou S, Prescott J, Porru S, Dinney CP, Malats N, Baris D, Purdue M, Jacobs EJ, Albanes D, Wang Z, Deng X, Chung CC, Tang W, Bueno-de-Mesquita HB, Trichopoulos D, Ljungberg B, Clavel-Chapelon F, Weiderpass E, Krogh V, Dorransoro M, Travis R, Tjønneland A, Brenan P, Chang-Claude J, Riboli E, Conti D, Gago-Dominguez M, Stern MC, Pike MC, Van Den Berg D, Yuan JM, Hohensee C, Rodabough R, Cancel-Tassin G, Roupert M, Comperat E, Chen C, De Vivo I, Giovannucci E, Hunter DJ, Kraft P, Lindstrom S, Carta A, Pavanello S, Arici C, Mastrangelo G, Kamat AM, Lerner SP, Grossman HB, Lin J, Gu J, Pu X, Hutchinson A, Burdette L, Wheeler W, Kogevinas M, Tardón A, Serra C, Carrato A, García-Closas R, Lloreta J, Schwenn M, Karagas M, Johnson A, Schned A, Armenti KR, Hosain M, Andriole G Jr, Grubb R 3rd, Black A, Diver WR, Gapstur SM, Weinstein SJ, Virtamo J, Haiman CA, Landi MT, Caporaso N, Fraumeni JF Jr, Vineis P, Wu X, Silverman DT, Chanock S, Rothman N. Genome-wide association study identifies multiple loci associated with bladder cancer risk. *Hum Mol Genet*. 24163127
- Firdessa R, Berg S, Hailu E, Schelling E, Gumi B, Erenso G, Gadisa E, Kiros T, Habtamu M, Hussein J, Zinsstag J, Robertson BD, Ameni G, Lohan AJ, Loftus B, Comas I, Gagneux S, Tschopp R, Yamuah L, Hewinson G, Gordon SV, Young DB, Aseffa A. Mycobacterial Lineages Causing Pulmonary and Extrapulmonary Tuberculosis, Ethiopia. *Emerg Infect Dis*. 23622814
- Flordelis Lasierra JL; Pérez-Vela JL; Umezawa Makikado LD; Torres Sánchez E; Colino Gómez L; Maroto Rodríguez B; Arribas López P; Gómez de la Cámara A; Montejo González JC. Early Enteral Nutrition in Patients With Hemodynamic Failure Following Cardiac Surgery. *J parenter Enteral Nutr*. JPEN. 24096266
- Folch C, Casabona J, Espelt A, Majó X, Meroño M, Gonzalez V, Brugal MT. Gender differences in HIV risk behaviours among intravenous drug users in Catalonia, Spain. *Gac Sanit*. 23578527
- Folletti I, Zock JP, Moscato G, Siracusa A. Asthma and rhinitis in cleaning workers: a systematic review of epidemiological studies. *J Asthma*. 23931651
- Fontanil Y, Ezama E, Alonso Y. Validation of the Scale of Preferences and Expectations in Close Interpersonal Relationships (EPERIC). *Psicothema*. 23628545
- Font-Ribera L, Garcia-Continente X, Pérez A, Torres R, Sala N, Espelt A, Nebot M. Driving under the influence of alcohol or drugs among adolescents: The role of urban and rural environments. *Accident Analysis & Prevention*. 23995594
- Font-Ribera L, Villanueva CM, Ballester F, Santa Marina L, Tardón A, Espejo-Herrera N, Esplugues A, Rodríguez Dehli C, Basterrechea M, Sunyer J. Swimming pool attendance, respiratory symptoms and infections in the first year of life. *Eur J Pediatr*. 23468123
- Forero CG, Vilagut G, Duran N, Alonso J*. Multidimensional Item Response Theory models yielded good fit and reliable scores for the SF-12 questionnaire. *J Clin Epidemiol*. 23707080
- Forns J; Vegas O; Julvez J; Garcia-Esteban R; Rivera M; Lertxundi N; Guxens M; Fano E; Ferrer M; Grellier J; Ibarluzea J; Sunyer J;. Association between Child Cortisol Levels in Saliva and Neuropsychological Development during the Second Year of Life *Stress Health*. 23818417
- Franch-Nadal J, Martínez-Sierra MC, Espelt A, Sagarra-Busquets E, Patitucci-Gómez F, Goday-Arno A; redGDPS. The Diabetic Immigrant: Cardiovascular Risk Factors and Control. Contributions of the IDIME Study.. *Rev Esp Cardiol*. 23122758
- Franzeck FC, Ngwale R, Msongole B, Hamisi M, Abdul O, Henning L, Letang E, Mwaigomole G, Battegay M, Hatz C, Tanner M. Viral Hepatitis and Rapid Diagnostic Test Based Screening for HBsAg in HIV-infected Patients in Rural Tanzania. *PLoS ONE*. 23469281
- Freire C, Koifman RJ, Sarcinelli PN, Rosa AC, Clapauch R, Koifman S. Association between serum levels of organochlorine pesticides and sex hormones in adults living in a heavily contaminated area in Brazil. *Int J Hyg Environ Health*. 23972672
- Freire C, Koifman S. Pesticides, depression and suicide: A systematic review of the epidemiological evidence.. *Int J Hyg Environ Health*. 23422404
- Freisling H, Moskal A, Ferrari P, Nicolas G, Knaze V, Clavel-Chapelon F, Boutron-Ruault MC, Nailler L, Teucher B, Grote VA, Boeing H, Clemens M, Tjønneland A, Olsen A, Overvad K, Quirós JR, Duell EJ, Sánchez MJ, Amiano P, Chirlaque MD,

- Barricarte A, Khaw KT. Dietary acrylamide intake of adults in the European Prospective Investigation into Cancer and Nutrition differs greatly according to geographical region.. *Eur J Nutr*. 23238529
- Freitas AR, Novais C, Tedim AP, Francia MV, Baquero F, Peixe L, Coque TM. Microevolutionary events involving narrow host plasmids influences local fixation of vancomycin-resistance in enterococcus populations. *PLoS ONE*. 23555993
- Freixa X, Portillo K, Paré C, Garcia-Aymerich J, Gomez FP, Benet M, Roca J, Farrero E, Ferrer J, Fernandez-Palomeque C, Antó JM, Barberà JA; PAC-COPD Study Investigators. Echocardiographic abnormalities in patients with COPD at the first hospital admission.. *Eur Resp J*. 23018914
- Fucic A, Katic J, Fthenou E, Kogevinas M, Plavec D, Koppe J, Batinic D, Chalkiadaki G, Chatzi L, Lasan R, Kleinjans J, Kirsch-Volders M. Increased frequency of micronuclei in mononucleated lymphocytes and cytome analysis in healthy newborns as an early warning biomarkers of possible future health risks. *Reprod Toxicol*. 23994514
- Fullana MA, Vilagut G, Mataix-Cols D, Adroher ND, Bruffaerts R, Bunting B, de Almeida JM, Florescu S, de Girolamo G, de Graaf R, Haro JM, Kovess V, Alonso J. Is ADHD in childhood associated with lifetime hoarding symptoms? An epidemiological study. *Depress Anxiety*. 23606213
- Gage H, Von Rosen-Von Hoewel J, Laitinen K, Jakobik V, Martin-Bautista E, Schmid M, Egan B, Morgan J, Williams P, Decsi T, Campoy C, Koletzko B, Raats M. Health effects of infant feeding: Information for parents in leaflets and magazines in five European countries. *Public Underst Sc*. 23833060
- Gajsek P, Ravazzani P, Wiart J, Grellier J, Samaras T, Thuroczy G. Electromagnetic field exposure assessment in Europe radiofrequency fields (10 MHz-6 GHz). *J Expo Sci Environ Epidemiol*. 23942394
- Gallardo C, Aranaz JM, Gea MT, Miralles JJ. Factores asociados a la adherencia al tratamiento de la infección tuberculosa. *Atención Primaria*.
- Gallo V, Wark PA, Jenab M, Pearce N, Brayne C, Vermeulen R, Andersen PM, Hallmans G, Kyrozis A, Vanacore N, Vahdaninia M, Grote V, Kaaks R, Mattiello A, Bueno-de-Mesquita HB, Peeters PH, Travis RC, Petersson J, Hansson O, Arriola L, Jimenez-Martin JM, Tjønnøe. Prediagnostic body fat and risk of death from amyotrophic lateral sclerosis: The EPIC cohort. *Neurology*. 23390184
- Gamell A, Letang E, Jullu B, Mwaigomole G, Nyamtema A, Hatz C, Battegay M, Tanner M. Uptake of guidelines on prevention of mother-to-child transmission of HIV in rural Tanzania: time for change.. *Swiss Med Wkly*. 23519621
- García AM. Gaceta Sanitaria al cuidado de las buenas prácticas en la publicación científica: Una experiencia con el Committee on Publication Ethics. *Gac. Sanit*. 23810526
- García AM, González-Galarzo MC, Kauppinen T, Delclos GL, Benavides FG. A job-exposure matrix for research and surveillance of occupational health and safety in Spanish workers: *MatEmEsp*. *Am J Ind Med*. 23818037
- García Cenoz M, Castilla J, Chamorro J, Martínez-Baz I, Martínez-Artola V, Irisarri F, Arriazu M, Ezpeleta C, Barricarte A. Impact of universal two-dose vaccination on varicella epidemiology in Navarre, Spain, 2006 to 2012. *Euro Surveill*. 23968827
- García Gutierrez S, Quintana JM, Baricot M, Bilbao A, Capelastegui A, Cilla Eguiluz CG, Domínguez A, Castilla J, Godoy P, Delgado-Rodríguez M, Soldevila N, Astray J, Mayoral JM, Martín V, González-Candelas F, Galán JC, Tamames S, Castro-Acosta AA, Garín O. Predictive factors of severe multilobar pneumonia and shock in patients with influenza. *Emerg Med J*. 23449891
- García-Altés A, Suelves JM, Barbería E. Cost savings associated with 10 years of road safety policies in Catalonia, Spain. *Bull World Health Organ*. 23397348
- García-Altés A. Systematic review of economic evaluation studies: Are vaccination programs efficient in Spain?. *Vaccine*. 23370153
- García-Bermúdez M, López-Mejías R, González-Juanatey C, Corrales A, Castañeda S, Ortiz AM, Miranda-Filloo JA, Gómez-Vaquero C, Fernández-Gutiérrez B, Balsa A, Pascual-Salcedo D, Blanco R, Llorca J, Martín J, González-Gay MA. CARD8 rs2043211 (p.C10X) polymorphism is not associated with disease susceptibility or cardiovascular events in Spanish rheumatoid arthritis patients. *DNA Cell Biol*. 23088220
- García-Blanco AC, Perea M, Livianos L. Mood-congruent bias and attention shifts in the different episodes of bipolar disorder. *Cogn Emot*. 23360445
- García-Closas M, Rothman N, Figueroa JD, Prokunina-Olsson L, Han SS, Baris D, Jacobs EJ, Malats N, De Vivo I, Albanes D, Purdue MP, Sharma S, Fu YP, Kogevinas M, Wang Z, Tang W, Tardón A, Serra C, Carrato A, García-Closas R, Lloreta J, Johnson A, Schwenn M, Karagas MR, Schned A, Andriole G Jr, Grubb R 3rd, Black A, Gapstur SM, Thun M, Diver WR, Weinstein SJ, Virtamo J, Hunter DJ, Caporaso N, Landi MT, Hutchinson A, Burdett L, Jacobs KB, Yeager M, Fraumeni JF Jr, Chanock SJ, Silverman DT, Chatterjee N. Common genetic polymorphisms modify the effect of smoking on absolute risk of bladder cancer. *Cancer Res*. 23536561
- García-Continente X, Perez-Gimenez A, Espelt A, Nebot AM. Bullying among schoolchildren: Differences between victims and aggressors. *Gac Sanit*. 23416025
- García-Continente X, Perez-Gimenez A, Espelt A, Nebot AM. Factors associated with media use among adolescents: a multilevel approach.. *Eur J Public Health*. 23397582
- García-Continente X, Serral G, López MJ, Pérez A, Nebot M. Long-term effect of the influenza A/H1N1 pandemic: attitudes and preventive behaviours one year after the pandemic. *European Journal of Public Health*. 23748851
- García-Donato G, Martínez-Beneito MA. On Sampling Strategies in Bayesian Variable Selection Problems With Large Model Spaces. *J AM STAT ASSOC*. WOS:000316648200027
- García-Esquinas E, Loeffler LF, Weaver VM, Fadrowski JJ, Navas-Acien A. Kidney Function and Tobacco Smoke

- Exposure in US Adolescents. *Pediatrics*. 23569089
- García-Esquinas E, Pérez-Gómez B, Fernández-Navarro P, Fernández MA, de Paz C, Pérez-Meixeira AM, Gil E, Iriso A, Sanz JC, Astray J, Cisneros M, de Santos A, Asensio A, García-Sagredo JM, García JF, Vioque J, López-Abente G, Pollán M, González MJ, Martínez M, Aragonés N. Lead, mercury and cadmium in umbilical cord blood and its association with parental epidemiological variables and birth factors. *BMC Public Health*. 24028648
- García-Esquinas E, Pollan M, Umans JG, Francesconi KA, Goessler W, Guallar E, Howard B, Farley J, Yeh J, Best LG, Navas-Acien A.. Arsenic Exposure and Cancer Mortality in a US-based Prospective Cohort: the Strong Heart Study. *Cancer Epidemiol Biomarkers Prev*. 23800676
- García-Lara NR, Vieco DE, De la Cruz-Bértolo J, Lora-Pablos D, Velasco NU, Pallás-Alonso CR. Effect of Holder Pasteurization and Frozen Storage on Macronutrients and Caloric Content of Breast Milk. *J Pediatr Gastroenterol Nutr*. 23752081
- García-Lozano JR, Torres-Agrela B, Montes-Cano MA, Ortiz-Fernández L, Conde-Jaldón M, Teruel M, García A, Núñez-Roldán A, Martín J, González-Escribano MF. Association of the AIRE gene with susceptibility to rheumatoid arthritis in a European population: a case control study. *Arthritis Res Ther*. 23320549
- García-Pérez J, Fernández-Navarro P, Castelló A, López-Cima MF, Ramis R, Boldo E, López-Abente G. Cancer mortality in towns in the vicinity of incinerators and installations for the recovery or disposal of hazardous waste. *Environ Int*. 23160082
- García-Quispes WA, Pastor S, Galofré P, Biarnés F, Castell J, Velázquez A, Marcos R. Influence of DNA-repair gene variants on the micronucleus frequency in thyroid cancer patients.. *Mutat Res (GTEM)*. 23022340
- Garin O, Ferrer M*, Pont A, Wiklund I, Van Ganse E, Vilagut G, Almansa J, Ribera A, Alonso J. Evidence on the global measurement model of the Minnesota Living with Heart Failure Questionnaire. *Qual Life Res*. 23677481
- Garin O, Herdman M, Vilagut G, Ferrer M, Ribera A, Rajmil L, Valderas JM, Guillemin F, Revicki D, Alonso J*, on behalf of the EMPRO-HF Group. Assessing health-related quality of life in patients with heart failure: a systematic, standardized comparison of available measures. *Heart Failure Reviews*. 23681849
- Garrido M, Requena L, Kutzner H, Ortiz P, Pérez-Gómez B, Rodríguez-Peralto JL. Desmoplastic Melanoma: Expression of Epithelial-Mesenchymal Transition-Related Proteins. *Am J Dermatopathol*. 23974224
- Garrido P, Rosell R, Arellano A, Andreu F, Dómine M, Perez-Casas A, Cardenal F, Arnaiz MM, Morán T, Morera R, Isla D, Valencia J, Cobo M, Delgado R, García-Gómez R, Calvo, Zamora J, Ramos A, Massutí B. Randomized phase II trial of non-platinum induction or consolidation chemotherapy plus concomitant chemoradiation in stage III NSCLC patients: mature results of the Spanish Lung Cancer Group 0008 study. *Lung Cancer*. 23611405
- Gascon M, Morales E, Sunyer J, Vrijheid M.. Effects of persistent organic pollutants on the developing respiratory and immune systems: a systematic review. *Environ Int*. 23291098
- Gascon M, Verner MA, Guxens M, Grimalt JO, Forns J, Ibarluzea J, Lertxundi N, Ballester F, Llop S, Haddad S, Sunyer J, Vrijheid M.. Evaluating the neurotoxic effects of lactational exposure to persistent organic pollutants (POPs) in Spanish children. *Neurotoxicology*. 23085522
- Gascón S, Leiter MP, Stright N, Santed MA, Montero-Marín J, Andrés E, Asensio-Martínez A, García-Campayo J. A factor confirmation and convergent validity of the "areas of worklife scale" (AWS) to Spanish translation. *Health Qual Life Out*. 23596987
- Gaskins AJ, Mendiola J, Afeiche M, Jorgensen N, Swan SH, Chavarro J. Physical activity and television watching in relation to semen quality in young men. *Br J Sports Med*. 23380634
- Gasull M, Pumarega J, Rovira G, López T, Alguacil J, Porta M.. Relative effects of educational level and occupational social class on body concentrations of persistent organic pollutants in a representative sample of the general population of Catalonia, Spain. *Environ Int*. 24064380
- Gatta G, Mallone S, van der Zwan JM, Trama A, Siesling S, Capocaccia R; the EURO CARE Working Group.. Cancer prevalence estimates in Europe at the beginning of 2000. *Ann Oncol*. 23553062
- Gatta G, Rossi S, Foschi R, Trama A, Marcos-Gragera R, Pastore G, Peris-Bonet R, Stiller C, Capocaccia R; EURO CARE Working Group.. Survival and cure trends for European children, adolescents and young adults diagnosed with acute lymphoblastic leukemia from 1982 to 2002. *Haematologica*. 23403323
- Gehring U, Casas M, Brunekreef B, Bergström A, Bonde JP, Botton J, Chévrier C, Cordier S, Heinrich J, Hohmann C, Keil T, Sunyer J, Tischer CG, Toft G, Wickman M, Vrijheid M, Nieuwenhuijsen M. Environmental exposure assessment in European birth cohorts: results from the ENRIECO Project. *Environ Health*. 23343014
- Genre F, López-Mejías R, Miranda-Filloj JA, Carnero-López B, Gómez-Acebo I, Blanco R, Ochoa R, Rueda J, González-Juanatey C, Llorca J, González-Gay MA. Asymmetric dimethylarginine serum levels in non-diabetic ankylosing spondylitis patients undergoing TNF- α antagonist therapy. *Clin Exp Rheumatol*. 23806325
- Genre F, López-Mejías R, Miranda-Filloj JA, Carnero-López B, Gómez-Acebo I, Blanco R, Ochoa R, Rueda J, González-Juanatey C, Llorca J, González-Gay MA.. Correlation between insulin resistance and serum ghrelin in non-diabetic ankylosing spondylitis patients undergoing anti-TNF- α therapy. *Clin Exp Rheumatol*. 23981480
- Genre F, Miranda-Filloj JA, López-Mejías R, Carnero-López B, Ochoa R, Rueda J, González-Juanatey C, Blanco R, Llorca J, González-Gay MA. Antitumor necrosis factor- α therapy modulates angiopoietin-2 serum levels in non-diabetic ankylosing spondylitis patients.. *Ann Rheum Dis*. 23482472
- Genre F, Miranda-Filloj JA, López-Mejías R, Carnero-López B, Ochoa R, Rueda J, González-Juanatey C, Blanco R, Llorca J, González-Gay MA.. Apelin serum levels in non-diabetic ankylosing spondylitis patients undergoing TNF- α antagonist therapy. *Clin Exp Rheumatol*. 23484462

- Geraets, D.T.; van Baars, R.; Alonso, I.; Ordi, J.; Torne, A.; Melchers, W.J.G.; Meijer, C.J.L.M.; Quint, W.G.V.. Clinical evaluation of high-risk HPV detection on self-samples using the indicating FTA-elute solid-carrier cartridge. *Journal of Clinical Virology*. 23518442
- Germany L, Ehlinger V, Klapouszczak D, Delobel M, Hollódy K, Sellier E, CruzJde L, Alberge C, Genolini C, Arnaud C.. Trends in prevalence and characteristics of post-neonatal cerebral palsy cases: A European registry-based study. *Res Dev Disabil*. 23500161
- Gibson TM, Smedby KE, Skibola CF, Hein DW, Slager SL, de Sanjosé S, VajdicCM, Zhang Y, Chiu BC, Wang SS, Hjalgrim H, Nieters A, Bracci PM, Krickler A, ZhengT, Kolar C, Cerhan JR, Darabi H, Becker N, Conde L, Holford TR, Weisenburger DD, De Roos AJ, Butterb. Smoking, variation in N-acetyltransferase 1 (NAT1) and 2 (NAT2), and risk of non-Hodgkin lymphoma: a pooled analysis within the InterLymph consortium. *Cancer Causes Control*. 23160945
- Gil-González D, Vives-Cases C, Borrell C, Agudelo-Suárez AA, Álvarez-Dardet C.. Social determinants of self-perceived discrimination in Spain. *Public Health*. 23415043
- Gillison ML, Castellsagué X, Chaturvedi A, Goodman MT, Snijders P, Tommasino M, Arbyn M, Franceschi S. Comparative epidemiology of HPV infection and associated cancers of the head and neck and cervix. *Int J Cancer*. 23568556
- Godínez JM, Heideman DA, Gheit T, Alemany L, Snijders PJ, Tommasino M, Meijer CJ, de Sanjosé S, Bosch FX, Bravo IG. Differential presence of papillomavirus variants in cervical cancer: an analysis for hpv33, hpv45 and hpv58. *Infect Genet Evol*. 23022714
- Godoy P, Caylà JA, Carmona G, Camps N, Álvarez J, Aledà M, Minguell S, Rodés A, Altet N, Pina JM, Barrabeig I, Orcau À, Parron I, March J, Follia N, Sabater M, Domínguez À; Grupo de Trabajo de Estudios de Contactos de Tuberculosis de Cataluña. Smoking in tuberculosis patients increases the risk of infection in their contacts. *Int J Tuberc Lung Dis*. 23676160
- Godoy P, Caylà JA, Carmona G, Camps N, Álvarez J, Rodés A, Altet N, Pina JM, Barrabeig I, Orcau À, Parron I, Aledà M, March J, Follia N, Minguell S, Domínguez À; Working Group on Study of Contacts of Tuberculosis Patients of Catalonia Immigrants do not transmit tuberculosis more than indigenous patients in Catalonia (Spain). *Tuberculosis*. 23680290
- Goicolea I, Vives-Cases C, Sebastian MS, Marchal B, Kegels G, Hurtig AK. How do primary health care teams learn to integrate intimate partner violence (IPV) management? A realist evaluation protocol. *Implement Sci*. 23522404
- Gomes C, Pons MJ, Magallon-Tejada A, Durand D, Lluque A, Mosquito S, RiverosM, Mercado E, Prada A, Ochoa TJ, Ruiz J.. In Vitro Development and Analysis of Escherichia coli and Shigella boydii Azithromycin-Resistant Mutants. *Microb Drug Resist*. 23176550
- Gomes, C.; Martinez-Puchol, S.; Durand, D.; Lluque, A.; Mosquito, S.; Ochoa, T.J.; Ruiz, J. Which mechanisms of azithromycin resistance are selected when efflux pumps are inhibited? *International Journal of Antimicrobial Agents*. 23871456
- Gomes, C.; Ruiz, L.; Pons, M.J.; Ochoa, T.J.; Ruiz, J. Relevant role of efflux pumps in high levels of rifaximin resistance in Escherichia coli clinical isolates. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. 23843564
- Gómez-Acebo I, Dierssen-Sotos T, Llorca J.. Number needed to treat: Interpretation and estimation in multivariate analyses and censored data. *Med Clin (Barc)*. 23850150
- Gómez-Acebo I, Llorca J, Dierssen T.. Cold-related mortality due to cardiovascular diseases, respiratory diseases and cancer: a case-crossover study. *Public Health*. 23433803
- Gómez-Barroso D, Rodríguez-Valín E, Ramis R, Cano R.. Spatio-temporal analysis of tuberculosis in Spain, 2008-2010. *Int J Tuberc Lung Dis*. 23676156
- Gómez-Ollés S, Untoria MD, Villalbi JR, Muñoz X, Morell F, Cruz MJ.. Soy aeroallergens in thoracic fraction particles (PM10).. *J Investig Allergol Clin Immunol*. 23967753
- Gómez-Pérez MA, Molina L, Bruguera J, Sala J, Masiá R, Muñoz D, Tomás M, Heredia S, Blanchart G, Gaixas S, Vila JS, Fitó M. Oxidized low-density lipoprotein antibodies in myocardial infarction patients without classical risk factors. *J Cardiovasc Med*. 23877206
- Gomez-Vaquero C, Corrales A, Zacarias A, Rueda-Gotor J, Blanco R, Gonzalez-Juanatey C, Llorca J, Gonzalez-Gay MA. SCORE and REGICOR function charts underestimate the cardiovascular risk in Spanish patients with rheumatoid arthritis. *Arthritis Res Ther*. 23965231
- González V, Gomes-Fernandes M, Bascañana E, Casanovas S, Saludes V, Jordana-Lluch E, Matas L, Ausina V, Martró E. Accuracy of a commercially available assay for HCV genotyping and subtyping in the clinical practice. *J Clin Virol*. 23731847
- González-Candelas F, Bracho MA, Wróbel B, Moya A. Molecular evolution in court: analysis of a large hepatitis C virus outbreak from an evolving source. *BMC Biol*. 23870105
- González-González A, Muñoz-Serrano A, Tenías-Burillo JM, Falero-Gallego P, García-Fuentes E, Gutierrez-Repiso C, Cañete R. Interobserver agreement in detecting goitre by palpation in a school population. *An Pediatr (Barc)*. 23428758
- Gonzalez-Gonzalez C, Lopez-Gonzalez E, Herdeiro MT, Figueiras A. Strategies to improve adverse drug reaction reporting: a critical and systematic review. *Drug Saf*. 23640659
- Gore AC, Balthazart J, Bikle D, Carpenter DO, Crews D, Czernichow P, Diamanti-Kandarakis E, Dores RM, Grattan D,

- Hof PR, Hollenberg AN, Lange C, Lee AV, Levine JE, Millar RP, Nelson RJ, Porta M, Poth M, Power DM, Prins GS, Ridgway EC, Rissman EF, Romijn JA, Sawchenko PE, Sly PD, Söder O, Taylor HS, Tena-Sempere M, Vaudry H, Wallen K, Wang Z, Wartofsky L, Watson CS. Policy decisions on endocrine disruptors should be based on science across disciplines: a response to Dietrich et al.. *Eur J Endocrinol.* 24057478
- Gore AC, Balthazart J, Bikle D, Carpenter DO, Crews D, Czernichow P, Diamanti-Kandarakis E, Dores RM, Grattan D, Hof PR, Hollenberg AN, Lange C, Lee AV, Levine JE, Millar RP, Nelson RJ, Porta M, Poth M, Power DM, Prins GS, Ridgway EC, Rissman EF, Romijn JA, Sawchenko PE, Sly PD, Söder O, Taylor HS, Tena-Sempere M, Vaudry H, Wallen K, Wang Z, Wartofsky L, Watson CS. Policy decisions on endocrine disruptors should be based on science across disciplines: a response to dietrich et Al. *Endocrinology.* 24048095
- Gosalbes MJ, Llop S, Vallès Y, Moya A, Ballester F, Francino MP. Meconium microbiota types dominated by lactic acid or enteric bacteria are differentially associated with maternal eczema and respiratory problems in infants. *Clin Exp Allergy.* 23331561
- Gotsens M, Marí-Dell'Olmo M, Pérez K, Palència L, Borrell C; Other MEDEAMembers.. Trends in socio-economic inequalities in injury mortality among men in small areas of 26 Spanish cities, 1996-2007. *Accid Anal Prev.* 23207841
- Gotsens, M; Marí-Dell'Olmo, M; Pérez, K; Palència, L; Martínez-Beneito, M A.; Rodríguez-Sanz, M; Burstrom, B; Costa, G; Deboosere, P; Domínguez-Berjón, F; Dzurova, D; Gandarillas, A; Hoffman, R; Kovacs, K; Marinacci, C; Martikainen, P; Pikhert,H; Rosicova, K; Saez, M; Santana, P; Riegelning, J; Schwierz, C; Tarkiainen, L; Borrell, C. Socioeconomic inequalities in injury mortality in small areas of 15 European cities. *Health & Place.* 24112963
- Graciani A, León-Muñoz LM, Guallar-Castillón P, Rodríguez-Artalejo F, Banegas JR. Cardiovascular health in a southern Mediterranean European country: a nationwide population-based study.. *Circ Cardiovasc Qual Outcomes.* 23300271
- Graffelman J, Moreno V.. The mid p-value in exact tests for Hardy-Weinberg equilibrium. *Stat Appl Genet Mol Biol.* 23934608
- Grau M*, Baena-Diez JM, Felix-Redondo FJ, Fernández-Berges DJ, Comas-Cufí D, Forès R, Marrugat J, Ramos R. Estimating the risk of peripheral artery disease using different population strategies. *Prev Med.* 23769902
- Grazuleviciene R, Kapustinskiene V, Vencloviene J, Buinauskiene J, Nieuwenhuijsen MJ.. Risk of congenital anomalies in relation to the uptake of trihalomethane from drinking water during pregnancy. *Occup Environ Med.* 23404756
- Guallar-Castillón P, Muñoz-Pareja M, Aguilera MT, León-Muñoz LM, Rodríguez-Artalejo F. Food sources of sodium, saturated fat and added sugar in the Spanish hypertensive and diabetic population. *Atherosclerosis.* 23642731
- Guallar-Castillón P, Oliveira A, Lopes C, López-García E, Rodríguez-Artalejo F.. The Southern European Atlantic Diet is associated with lower concentrations of markers of coronary risk. *Atherosclerosis.* 23261168
- Guerra S, Sartini C, Mendez M, Morales E, Guxens M, Basterrechea M, Arranz L, Sunyer J. Maternal Prepregnancy Obesity is an Independent Risk Factor for Frequent Wheezing in Infants by Age 14 Months. *Paediatr Perinat Epidemiol.* 23215717
- Guillén-Perales J, Luna-Maldonado A, Fernández-Prada M, Guillén-Solvas JF, Bueno-Cavanillas A. Quality of information in the process of informed consent for anesthesia.. *Cir Esp.* 24120209
- Guimerà N, Lloveras B, Alemany L, Iljazovic E, Shin HR, Jung-II S, de Sanjose S, Jenkins D, Bosch FX, Quint W.. Laser capture microdissection shows HPV11 as both a causal and a coincidental infection in cervical cancer specimens with multiple HPV types.. *Histopathology.* 23730874
- Guimerà N, Lloveras B, Lindeman J, Alemany L, van de Sandt M, Alejo M, Hernandez-Suarez G, Bravo IG, Molijn A, Jenkins D, Cubilla A, Muñoz N, de Sanjose S, Bosch FX, Quint W; RIS HPV TTHPV VVAPO study groups. The Occasional Role of Low-risk Human Papillomaviruses 6, 11, 42, 44, and 70 in Anogenital Carcinoma Defined by Laser Capture Microdissection/PCR Methodology: Results From a Global Study.. *Am J Surg Pathol.* 24076770
- Gutiérrez C, Hernández-Novoa B, Pérez-Elías MJ, Moreno AM, Holguín A, Dronza F, Casado JL, Moreno S. Prevalence of primary resistance mutations to integrase inhibitors in treatment-naïve and -experienced patients infected with B and non-B HIV-1 variants.. *HIV Clin Trials.* 23372110
- Gutiérrez-Fisac JL, León-Muñoz LM, Regidor E, Banegas J, Rodríguez-Artalejo F.. Trends in obesity and abdominal obesity in the older adult population of Spain (2000-2010). *Obes Facts.* 23428930
- Gutiérrez-Misis A, Sánchez-Santos MT, Banegas JR, Zunzunegui MV, Sánchez-Martínez M, Castell MV, Otero A.. Association Between Blood Pressure and Mortality in a Spanish Cohort of Persons Aged 65 Years or Over: A Dynamic Model.. *Rev Esp Cardiol.* 23490258
- Guxens M, Tiemeier H, Jansen PW, Raat H, Hofman A, Sunyer J, Jaddoe VW. Parental psychological distress during pregnancy and early growth in preschool children: The Generation R Study.. *Am J Epidemiol.* 23436897
- Guyatt GH, Oxman AD, Santesso N, Helfand M, Vist G, Kunz R, Brozek J, Norris S, Meerpohl J, Djulbegovic B, Alonso-Coello P, Post PN, Busse JW, Glasziou P, Christensen R, Schünemann HJ. GRADE guidelines: 12. Preparing summary of findings tables-binary outcomes. *J Clin Epidemiol.* 22609141
- Guyatt GH, Thorlund K, Oxman AD, Walter SD, Patrick D, Furukawa TA, Johnston BC, Karanickolas P, Akl EA, Vist G, Kunz R, Brozek J, Kupper LL, Martin SL, Meerpohl JJ, Alonso-Coello P, Christensen R, Schunemann HJ.. GRADE guidelines: 13. Preparing summary of findings tables and evidence profiles-continuous outcomes. *J Clin Epidemiol.* 23116689
- Hall JS, Iype R, Armenoult LS, Taylor J, Miller CJ, Davidson S, de Sanjose S, Bosch X, Stern PL, West CM. Poor Prognosis Associated With Human Papillomavirus $\alpha 7$ Genotypes in Cervical Carcinoma Cannot Be Explained by Intrinsic Radiosensitivity. *Int J Radiat Oncol Biol Phys.* 23332225
- Hatzakis A., Van Damme P., Alcorn, K., Gore, C., Benazzouz, M., Berkane, S., Buti, M., Carballo, M., Cortes Martins, H., Deuffic-Burban, S., Dominguez, A., Donoghoe, M., Elzouki, A.-N., Ben-Alaya Bouafif, N., Esmat, G., Esteban, R., Fabri, M., Fenton, K., Goldberg, D., Goulis, I., Hadjichristodoulou, T., Hatzigeorgiou, T., Hamouda, O., Hasurdjiev, S., Hughes,

- S., Kautz, A., Malik, M., Manolakopoulos, S., Matičič, M., Papatheodoridis, G., Peck, R., Peterle, A., Potamitis, G., Prati, D., Roudot-Thoraval, F., Reic, T., Sharara, A., Shennak, M., Shiha, G., Shouval, D., Sočan, M., Thomas, H., Thurst, M., Tosti, M., Trépo, C., Vince, A., Vounou, E., Wiessing, L. and Manns, M. The state of hepatitis B and C in the Mediterranean and Balkan countries: report from a summit conference. *J. Viral Hepatitis*. 23827008
- Hendrickson SJ, Lindström S, Eliassen AH, Rosner BA, Chen C, Barrdahl M, Brinton L, Buring J, Canzian F, Chanock S, Clavel-Chapelon F, Figueroa JD, Gapstur SM, Garcia-Closas M, Gaudet MM, Haiman CA, Hazra A, Henderson B, Hoover R, Hüsing A, Johansson M, Kaak. Plasma carotenoid- and retinol-weighted gene scores and risk of breast cancer in the National Cancer Institute Breast and Prostate Cancer Cohort Consortium. *Cancer Epidemiol Biomarkers Prev*. 23515144
- Hernández AF, Gil F, Lacasaña Navarro M, Rodríguez Barranco M, Gómez Martín A, Lozano D, Pla A.. Modulation of the endogenous antioxidants paraoxonase-1 and urate by pesticide exposure and genetic variants of xenobiotic-metabolizing enzymes. *Food Chem Toxi*. 23747713
- Hernández AF, Gil F, Lacasaña Navarro M, Rodríguez Barranco M, Tsatsakis AM, Requena M, Parrón Carreño T, Alarcón R.. Pesticide exposure and genetic variation in xenobiotic-metabolizing enzymes interact to induce biochemical liver damage. *Food Chem Toxicol*. 23688862
- Hernández AF, Lacasaña M, Gil F, Rodríguez-Barranco M, Pla A, López-Guarnido O. Evaluation of pesticide-induced oxidative stress from a gene-environment interaction perspective. *Toxicology*. 23032575
- Hernández JL, Olmos JM, Pariente E, Nan D, Martínez J, Llorca J, Valero C, Obregón E, González-Macías J. Influence of Vitamin D Status on Vertebral Fractures, Bone Mineral Density, and Bone Turnover Markers in Normocalcemic Postmenopausal Women With High Parathyroid Hormone Levels. *J Clin Endocrinol Metab*. 23457409
- Hernández-Aguado I. The tobacco ban in Spain: how it happened, a vision from inside the government.. *J Epidemiol Community Health*. 23322848
- Hernandez-Elizondo J, Monteagudo C, Murcia MA, Olea N, Olea-Serrano F, Mariscal-Arcas M. Assessment of the estrogenicity of the diet of a healthy female Spanish population based on its isoflavone content. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess*. 23506255
- Herrmann M, Abdullah S, Alabi A, Alonso P, Friedrich AW, Fuhr G, Germann A, Kern WV, Kreamsner PG, Mandomando I, Mellmann AC, Pluschke G, Rieg S, Ruffing U, Schaumburg F, Tanner M, Peters G, von Briesen H, von Eiff C, von Müller L, Grobusch MP.. Staphylococcal disease in Africa: another neglected 'tropical' disease. *Future Microbiology*. 23252490
- Hohmann C, Grabenhenrich L, de Kluizenaar Y, Tischer C, Heinrich J, Chen CM, Thijs C, Nieuwenhuijsen M, Keil T. Health effects of chronic noise exposure in pregnancy and childhood: A systematic review initiated by ENRIECO.. *Int J Hyg Environ Health*. 22854276
- Holguín A, Norman F, Martín L, Mateos ML, Chacón J, López-Vélez R, Pérez-Molina JA.. Dried blood as an alternative to plasma or serum for *Trypanosoma cruzi* IgG detection in screening programs. *Clin Vaccine Immunol*. 23740927
- Holguín A, Yebra G, Martín L, de Pineda AT, Ruiz LE, Quezada AY, Nieto AI, Escobar G. Transmitted drug-resistance in human immunodeficiency virus-infected adult population in El Salvador, Central America. *Clin Microbiol Infect*. 23782115
- Hollmann M, Garin O, Galante M, Ferrer M, Dominguez A, Alonso J.. Impact of Influenza on Health-Related Quality of Life among Confirmed (H1N1)2009 Patients. *PLoS ONE*. 23555979
- Hoyos J, Belza MJ, Fernandez-Balbuena S, Rosales-Statkus ME, Pulido J, de la Fuente L. Preferred HIV testing services and programme characteristics among clients of a rapid HIV testing programme. *BMC Public Health*. 23987230
- Hoyos J, Fernandez-Balbuena S, de la Fuente L, Sordo L, Ruiz M, Barrio G, Belza MJ.. Never tested for HIV in Latin-American migrants and Spaniards: prevalence and perceived barriers. *J Int AIDS Soc*. 23663441
- Hoyos Miller J, Fernández-Balbuena S, Belza Egozcue MJ, García de Olalla P, Pulido Manzanero J, Molist Seña G, de la Fuente de Hoz L; Madrid Rapid HIV Testing Group. Time devoted to pre- and post-HIV test counselling in different health services according to those who attend a rapid testing program in Madrid, Spain. *Enferm Infecc Microbiol Clin*. 23582196
- Huang X, Jiménez-Moleón JJ, Bengt L, Cederholm T, Årnlov J, Risérus U, Carrero J. Mediterranean Diet, Kidney Function, and Mortality in Men with Chronic Kidney Disease. *Clin J Am Soc Nephro*. 23744002
- Huerta JM, Chirlaque MD, Tormo MJ, Gavrila D, Arriola L, Moreno-Iribas C, Amiano P, Ardanaz E, Barricarte A, Dorronsoro M, Egúés N, Larrañaga N, Molina-Montes E, Quirós JR, Sánchez MJ, González CA, Navarro C.. Physical Activity and Risk of Cerebrovascular Disease in the European Prospective Investigation Into Cancer and Nutrition-Spain Study. *Stroke*. 23223506
- Huerta JM, Tormo MJ, Chirlaque MD, Gavrila D, Amiano P, Arriola L, Ardanaz E, Rodríguez L, Sánchez MJ, Mendez M, Salmerón D, Barricarte A, Burgui R, Dorronsoro M, Larrañaga N, Molina-Montes E, Moreno-Iribas C, Quirós JR, Toledo E, Travier N, González CA, Nav. Risk of type 2 diabetes according to traditional and emerging anthropometric indices in Spain, a Mediterranean country with high prevalence of obesity: results from a large-scale prospective cohort study. *BMC Endocr Disord*. 23388074
- Iniguez C; Ballester F; Costa O; Murcia M; Souto A; Santa-Marina L; Aurrekoetxea JJ; Espada M; Vrijheid M; Alvarez-Avellon SM; Alvarez-Pedrerol M; Rebagliato M; Maternal Smoking During Pregnancy and Fetal Biometry: The INMA Mother and Child Cohort Study. *Am J Epidemiol*. 24008909
- InterAct Consortium. Association between dietary meat consumption and incident type 2 diabetes: the EPIC-InterAct

- study. *Diabetologia*. 22983636
- InterAct consortium. Consumption of sweet beverages and type 2 diabetes incidence in European adults: results from EPIC-InterAct. *Diabetologia*
- InterAct Consortium. The link between family history and risk of type 2 diabetes is not explained by anthropometric, lifestyle or genetic risk factors: the EPIC-InterAct study. *Diabetologia*. 23052052
- Irma M.^a Muñoz Baell, Carlos Álvarez-Dardet Díaz, M.^a Teresa Ruiz Cantero, Emilio Ferreiro Lago, Eva Aroca Fernández. Deaf Bilingual Education: Key Tenets For Strategic Change. *Rev Educ.* .
- Iszatt N, Nieuwenhuijsen MJ, Bennett J, Best N, Povey AC, Pacey AA, Moore H, Cherry N, Toledano MB. Chlorination by-products in tap water and semen quality in England and Wales.. *Occup Environ Med*. 23759536
- Izquierdo, L.; Marques, A.F.; Gallego, M.; Sanz, S.; Tebar, S.; Riera, C.; Quinto, L.; Aldasoro, E.; Almeida, I.C.; Gascon, J.. Evaluation of a chemiluminescent enzyme-linked immunosorbent assay for the diagnosis of *Trypanosoma cruzi* infection in a nonendemic setting. *Memorias do Instituto Oswaldo Cruz*. 24037108
- Jacobs JH, Krop EJ, Borrás-Santos A, Zock JP, Taubel M, Hyvarinen A, Pekkanen J, Doekes G, Heederik DJ. Endotoxin levels in settled airborne dust in European schools: The HITEA school study. *Indoor Air*. 23927557
- Jacquin E, Baraquin A, Ramanah R, Carcopino X, Morel A, Valmary-Degano S, Bravo IG, de Sanjosé S, Riethmuller D, Mougín C, Prétet JL.. Methylation of Human Papillomavirus Type 16 CpG Sites at E2-Binding Site 1 (E2BS1), E2BS2, and the Sp1-Binding Site in Cervical Cancer Samples as Determined by High-Resolution Melting Analysis-PCR.. *J Clin Microbiol*. 23863566
- Jakobsen MU, Dethlefsen C, Due KM, May AM, Romaguera D, Vergnaud AC, Norat T, Sørensen TI, Halkjær J, Tjønneland A, Boutron-Ruault MC, Clavel-Chapelon F, Fagherazzi G, Teucher B, Kühn T, Bergmann MM, Boeing H, Naska A, Orfanos P, Trichopoulou A, Palli D, San. Fish consumption and subsequent change in body weight in European women and men. *Br J Nutr*. 22716915
- Jakszyn P, Luján L, Agudo A, Bueno de Mesquita HB, Molina Montes ME, Sánchez Pérez MJ, et al. Meat and heme iron intake and esophageal adenocarcinoma the European Prospective investigation into Cancer and Nutrition study. *Int J Cancer*. 23728954
- Jiménez-Díaz I, Molina-Molina JM, Zafra-Gómez A, Ballesteros O, Navalón A, Real M, Sáenz JM, Fernández MF, Olea N.. Simultaneous determination of the UV-filters benzyl salicylate, phenyl salicylate, octyl salicylate, homosalate, 3-(4-methylbenzylidene) camphor and 3-benzylidene camphor in human placental tissue by LC-MS/MS. Assessment of their in vitro endocrine activity. *J Chromatogr B Analyt Technol Biomed Life Sci*. 24004914
- Jiménez-Jorge S, de Mateo S, Delgado-Sanz C, Pozo F, Casas I, García-Cenoz M, Castilla J, Pérez E, Gallardo V, Rodríguez C, Vega T, Quiñones C, Martínez E, Vanrell MJ, Giménez J, Castrillejo D, Serrano del M, Ramos MJ, Larrauri A. Effectiveness of influenza vaccine against laboratory-confirmed influenza, in the late 2011-2012 season in Spain, among population targeted for vaccination. *BMC Infectious Diseases*. 24053661
- Jordana-Lluch E, Carolan HE, Giménez M, Sampath R, Ecker DJ, Quesada MD, Mòdol JM, Arméstar F, Blyn LB, Cummins LL, Ausina V, Martró E. Rapid diagnosis of bloodstream infections with PCR followed by mass spectrometry.. *PLoS One*. 23626775
- Joshi M, Royuela A, Zamora J. Proper analysis in clinical trials: how to report and adjust for missing outcome data. *BJOG*. 23759083
- Julià M, Catalina-Romero C, Calvo-Bonacho E, Benavides FG. The impact of job stress due to the lack of organisational support on occupational injury. *Occup Environ Med*. 23716721
- Julvez J, Alvarez-Pedrerol M, Rebagliato M, Murcia M, Forn S, Garcia-Esteban R, Lertxundi N, Espada M, Tardón A, Ríaño Galán I, Sunyer J. Thyroxine levels during pregnancy in healthy women and early child neurodevelopment.. *Epidemiology*. 23232616
- Julvez J, Smith GD, Golding J, Ring S, Pourcain BS, Gonzalez JR, Grandjean P. Prenatal methylmercury exposure and genetic predisposition to cognitive deficit at age 8 years. *Epidemiology*. 23903878
- Kaaks R, Tikk K, Sookthai D, Schock H, Johnson T, Tjønneland A, Olsen A, Overvad K, Clavel-Chapelon F, Dossus L, Baglietto L, Rinaldi S, Chajes V, Romieu I, Boeing H, Schütze M, Trichopoulou A, Lagiou P, Trichopoulos D, Palli D, Sieri S, Tumino R, Ricceri F, Mattiello A, Buckland G, Ramón Quirós J, Sánchez MJ, Amiano P, Chirlaque MD, Barricarte A, Bas Bueno-de-Mesquita H, van Gils CH, Peeters PH, Andersson A, Sund M, Weiderpass E, Khaw KT, Wareham N, Key TJ, Travis RC, Merritt MA, Gunter MJ, Riboli E, Lukanova A.. Premenopausal serum sex hormone levels in relation to breast cancer risk, overall and by hormone receptor status-Results from the EPIC cohort. *Int J Cancer*. 24155248
- Karakosta P, Georgiou V, Fthenou E, Papadopoulou E, Roumeliotaki T, Margioris A, Castanas E, Kampa M, Kogevinas M, Chatzi L. Maternal weight status, cord blood leptin and fetal growth: a prospective mother-child cohort study (rhea study). *Paediatr Perinat Epidemiol*. 23930782
- Kendzia B, Behrens T, Jöckel KH, Siemiatycki J, Kromhout H, Vermeulen R, Peters S, Van Gelder R, Olsson A, Brüske I, Wichmann HE, Stücker I, Guida F, Tardón A, Merletti F, Mirabelli D, Richiardi L, Pohlmann H, Ahrens W, Landi MT, Caporaso N, Consonni D, Zaridze D, Szeszenia-Dabrowska N, Lissowska J, Gustavsson P, Marcus M, Fabianova E, Mannetje A, Pearce N, Tse LA, Yu IT, Rudnai P, Bencko V, Janout V, Mates D, Foretova L, Forastiere F, McLaughlin J, Demers P, Bueno-de-Mesquita B, Boffetta P, Schüz J, Straif K, Pesch B, Brüning T. Welding and Lung Cancer in a Pooled Analysis of Case-Control Studies. *Am J Epidemiol*. 24052544
- Kessler RC*, Shahly V, Hudson JI, Supina D, Berglund PA, Chiu WT, Gruber M, Aguilar-Gaxiola S, Alonso J, Andarade LH, Benjet C, Bruffaerts R, de Girolamo G, de Graaf R, Florescu S, Haro JM, Murphy SD, Posada-Villa J, Scott KM, Xavier M. A comparative analysis of role attainment and impairment in binge-eating disorder and bulimia nervosa: results from

- the WHO World Mental Health Surveys. *Epidemiol Psychiatr Sci.* 24054053
- Kessler RC, Berglund PA, Chiu WT, Deitz AC, Hudson JI, Shahly V, Aguilar-Gaxiola S, Alonso J, Angermeyer MC, Benjet C, Bruffaerts R, de Girolamo G, de Graaf R, Maria Haro J, Kovess-Masfety V, O'Neill S, Posada-Villa J, Sasu C, Scott K, Viana MC, Xavier M. The Prevalence and Correlates of Binge Eating Disorder in the World Health Organization World Mental Health Surveys. *Biol Psychiatr.* 23290497
- Kim JL, Blanc PD, Villani S, Olivieri M, Urrutia I, van Sprundel M, Storaas T, Le Moual N, Zock JP, Torén K.. Predictors of respiratory sickness absence: An international population-based study. *Am J Ind Med.* 23450785
- Kissling E, Valenciano M, Larrauri A, Oroszi B, Cohen JM, Nunes B, Pitigoi D, Rizzo C, Rebolledo J, Paradowska-Stankiewicz I, Jiménez-Jorge S, Horváth JK, Daviaud I, Guiomar R, Necula G, Bella A, O'Donnell J, Gluchowska M, Ciancio BC, Nicoll A, Moren A.. Low and decreasing vaccine effectiveness against influenza A(H3) in 2011/12 among vaccination target groups in Europe: results from the I-MOVE multicentre case-control study. *Euro Surveill.* 23399425
- Köhler A., B. Chen, F. Gemignani, R. Elisei, C. Romei, G. Figlioli, M. Cipollini, M. A. Cristaudo, F. Bambi, P. Hoffmann, S. Herms, Kalemba, D. Kula, S. Harris, P. Broderick, R. Houlston, S. Pastor, R. Marcos, A. Velázquez, B. Jarzab, K. Hemminki, S. Landi, A. Försti.. Genome-wide association study on differentiated thyroid cancer. *Journal of Clinical Endocrinology and Metabolism.* 23894154
- Kotloff, K.L.; Nataro, J.P.; Blackwelder, W.C.; Nasrin, D.; Farag, T.H.; Panchalingam, S.; Wu, Y.; Sow, S.O.; Sur, D.; Breiman, R.F.; Faruque, A.S.; Zaidi, A.K.; Saha, D.; Alonso, P.L.; Tamboura, B.; Sanogo, D.; Onwuchekwa, U.; Manna, B.; Ramamurthy, T.; Kanungo, S.; Ochieng, J.B.; Omere, R.; Oundo, J.O.; Hossain, A.; Das, S.K.; Ahmed, S.; Qureshi, S.; Quadri, F.; Adegbola, R.A.; Antonio, M.; Hossain, M.J.; Akinsola, A.; Mandomando, I.; Nhampossa, T.; Acacio, S.; Biswas, K.; O'Reilly, C.E.; Mintz, E.D.; Berkeley, L.Y.; Muhsen, K.; Sommerfelt, H.; Robins-Browne, R.M.; Levine, M.M.. Burden and aetiology of diarrhoeal disease in infants and young children in developing countries (the Global Enteric Multicenter Study, GEMS): a prospective, case-control study. *Lancet.* 23680352
- Koutra K, Chatzi L, Bagkeris M, Vassilaki M, Bitsios P, Kogevinas M. Antenatal and postnatal maternal mental health as determinants of infant neurodevelopment at 18 month of age in a mother-child cohort (Rhea Study) in Crete, Greece.. *Soc Psychiatry Psychiatr Epidemiol.* 23248031
- Koutra K, Vassilaki M, Georgiou V, Koutis A, Bitsios P, Chatzi L, Kogevinas M. Antenatal maternal mental health as determinant of postpartum depression in a population based mother-child cohort (Rhea Study) in Crete, Greece. *Soc Psychiatry Psychiatr Epidemiol.* 23963406
- Kovacs FM, Arana E, Royuela A, Cabrera A, Casillas C, Piñero P, Vega M, Asenjo B, Estremera A, Amengual G, Sarasibar H, Ferrer P, Manjarrés A, Zamarro J, Bravo-Rodríguez F, Paniagua JC, Mota J, Sánchez-Sagrado T, Abaira V, Martínez C.. Appropriateness of lumbar spine magnetic resonance imaging in Spain-. *Eur J Radiol.* 3422282
- Kovess-Masfety V, Alonso J, Angermeyer M, Bromet E, de Girolamo G, de Jonge P, Demyttenaere K, Florescu SE, Gruber MJ, Gureje O, Hu C, Huang Y, Karam EG, Jin R, Lépine JP, Levinson D, McLaughlin KA, Medina-Mora ME, O'Neill S, Ono Y, Posada-Villa JA, Sampson. Irritable mood in adult Major Depressive Disorder: Results from the World Mental Health Surveys. *Depress Anxiety.* 23364997
- Kreimer AR; Johansson M; Waterboer T; Kaaks R; Chang-Claude J; Drogen D; Tjønneland A; Overvad K; Quiros JR; Gonzalez CA; Sanchez MJ; Larranaga N; Navarro C; Barricarte A; Travis RC; Khaw KT; Wareham N; Trichopoulou A; Lagiou P; Trichopoulos D; Peeters PH; Panico S; Masala G; Gironi S; Tumino R; Vineis P; Bueno-de-Mesquita HB; Laurell G; Hallmans G; Manjer J; Ekstrom J; Skeie G; Lund E; Weiderpass VE; Ferrari P; Byrnes G; Romieu J; Riboli E; Hildesheim A; Boeing H; Pawlita M; Brennan P. Evaluation of Human Papillomavirus Antibodies and Risk of Subsequent Head and Neck Cancer. *J Clin Oncol.* 23775996
- Kritsotakis G, Vassilaki M, Melaki V, Georgiou V, Philalithis AE, Bitsios P, Kogevinas M, Chatzi L, Koutis A. Social capital in pregnancy and postpartum depressive symptoms: A prospective mother-child cohort study (the Rhea study). *Int J Nurs Stud.* 22980484
- Kühn T, Kaaks R, Becker S, Eomoi PP, Clavel-Chapelon F, Kvaskoff M, Dossus L, Tjønneland A, Olsen A, Overvad K, Chang-Claude J, Lukanova A, Buijsse B, Boeing H, Trichopoulou A, Lagiou P, Bamia C, Masala G, Krogh V, Sacerdote C, Tumino R, Mattiello A, Buckl. Plasma 25-hydroxyvitamin D and the risk of breast cancer in the European prospective investigation into cancer and nutrition: A nested case-control study. *Int J Cancer.* 23526380
- Kumar P, Rúbies A, Centrich F, Granados M, Cortés-Francisco N, Caixach J, Companyó R. Targeted analysis with benchtop quadrupole-orbitrap hybrid mass spectrometer: Application to determination of synthetic hormones in animal urine. *Analytica chimica acta.* 23680552
- La Parra D, Gil-González D, Jiménez A. Social exclusion processes and the health status of the Roma people in Spain. *Gac Sanit.* 23768562
- Lacourt A, Cardis E, Pintos J, Richardson L, Kincl L, Benke G, Fleming S, Hours M, Krewski D, McLean D, Parent ME, Sadetzki S, Schaefer K, Schlehofer B, Van Tongeren M, Siemiatycki J. INTEROCC case-control study: lack of association between glioma tumors and occupational exposure to selected combustion products, dusts and other chemical agent. *BMC Public Health.* 23587105
- Lafuente R, González-Comadrán M, Solà I, López G, Brassesco M, Carreras R, Checa MA. Coenzyme Q10 and male infertility: a meta-analysis. *J Assist Reprod Genet.* 23912751
- Lafuente S, Bellido JB, Moraga FA, Herrera S, Yagüe A, Montalvo T, de Simó M, Simón P, Caylà JA. Salmonella paratyphi B and Salmonella litchfield outbreaks associated with pet turtle exposure in Spain. *Enferm Infecc Microbiol Clin.* 22795887

- Lahuerta M, Torrens M, Sabidó M, Batres A, Casabona J. Sexual risk behaviours and barriers to HIV testing among clients of female sex workers in Guatemala: a qualitative study. *Cult Health Sex.* 23627770
- Lanaspa, M.; Valim, C.; Acacio, S.; Almendinger, K.; Ahmad, R.; Wiegand, R.; Bassat, Q.. High reliability in respiratory rate assessment in children with respiratory symptomatology in a rural area in Mozambique. *Journal of Tropical Pediatrics.* 24072556
- Landa I, C. Boullosa, L. Inglada-Pérez, A. Sastre-Perona, S. Pastor, A. Velázquez, V. Mancikova, S. Ruiz-Llorente, F. Schiavi, R. Marcos, N. Malats, G. Opocher, R. Diaz-Uriarte, P. Santisteban, A. Valencia, M. Robledo. An epistatic interaction between the PAX8 and STK17B genes in papillary thyroid cancer susceptibility. *Plos One.* 24086368
- Landaburu I, Gonzalvo MC, Clavero A, Ramirez JP, Yoldi A, Mozas J, Zamora S, Martinez L, Castilla JA. Genetic testing of sperm donors for cystic fibrosis and spinal muscular atrophy: evaluation of clinical utility. *Eur J Obstet Gynecol Reprod Biol.* 3866907
- Lappalainen T, Sammeth M, Friedländer MR, 't Hoen PA, Monlong J, Rivas MA, González-Porta M, Kurbatova N, Griebel T, Ferreira PG, Barann M, Wieland T, Greger L, van Iterson M, Almlöf J, Ribeca P, Pulyakhina I, Esser D, Giger T, Tikhonov A, Sultan M, Bertier G, MacArthur DG, Lek M, Lizano E, Buermans HP, Padioleau I, Schwarzmayr T, Karlberg O, Ongen H, Kilpinen H, Beltran S, Gut M, Kahlem K, Amstislavskiy V, Stegle O, Pirinen M, Montgomery SB, Donnelly P, McCarthy MI, Flícek P, Strom TM; Geuvadis Consortium, Lehrach H, Schreiber S, Sudbrak R, Carracedo A, Antonarakis SE, Häsler R, Syvänen AC, van Ommen GJ, Brazma A, Meitinger T, Rosenstiel P, Guigó R, Gut IG, Estivill X, Dermitzakis ET, Palotie A, Deleuze JF, Gyllensten U, Brunner H, Veltman J, Cambon-Thomsen A, Mangion J, Bentley D, Hamosh A. Transcriptome and genome sequencing uncovers functional variation in humans. *Nature.* 24037378
- Larque, A.B.; Hakim, S.; Ordi, J.; Nadal, A.; Diaz, A.; Pino, M.D.; Marimon, L.; Alobid, I.; Cardesa, A.; Alos, L. High-risk human papillomavirus is transcriptionally active in a subset of sinonasal squamous cell carcinomas. *Modern Pathology.* 24030745
- Larrea-Killinger C, Muñoz A. The child's body without fluid: mother's knowledge and practices about hydration and rehydration in Salvador, Bahia, Brazil. *J Epidemiol Community Health.* 23526627
- Larrea-Killinger C, Rego RF, Strina A, Barreto ML. Epidemiologists working together with Anthropologists: Lessons from a study to evaluate the epidemiological impact of a city-wide sanitation programme. *Cad Saude Publica.* 23532282
- Larsen, PS (Larsen, Pernille Stemann)[1] ; Kamper-Jorgensen, M (Kamper-Jorgensen, Mads)[1] ; Adamson, A (Adamson, Ashley)[6] ; Barros, H (Barros, Henrique)[12] ; Bonde, JP (Bonde, Jens Peter)[3] ; Brescianini, S (Brescianini, Sonia)[13] ; Brophy, S (Brophy, Sinead)[7] ; Casas, M (Casas, Maribel)[17,18,19] ; Devereux, G (Devereux, Graham)[8] ; Eggesbo, M (Eggesbo, Merete)[20] ; Fantini, MP (Fantini, Maria Pia)[14] ; Frey, U (Frey, Urs)[22,23] ; Gehring, U (Gehring, Ulrike)[25] ; Grazuleviciene, R (Grazuleviciene, Regina)[31] ; Henriksen, TB (Henriksen, Tine Brink)[4] ; Hertz-Picciotto, I (Hertz-Picciotto, Irva)[32] ; Heude, B (Heude, Barbara)[34] ; Hryhorczuk, DO (Hryhorczuk, Daniel O.)[33] ; Inskip, H (Inskip, Hazel)[9] ; Jaddoe, VVW (Jaddoe, Vincent W. V.)[26] ; Lawlor, DA (Lawlor, Debbie A.)[10] ; Ludvigsson, J (Ludvigsson, Johnny)[36] ; Kelleher, C (Kelleher, Cecily)[40] ; Kiess, W (Kiess, Wieland)[42,43] ; Koletzko, B (Koletzko, Berthold)[44] ; Kuehni, CE (Kuehni, Claudia Elisabeth)[24] ; Kull, I (Kull, Inger)[37,38,39] ; Kyhl, HB (Kyhl, Henriette Boye)[5] ; Magnus, P (Magnus, Per)[21] ; Momms, I (Momms, Isabelle)[35] ; Murray, D (Murray, Dierdre)[41] ; Pekkanen, J (Pekkanen, Juha)[45] ; Polanska, K (Polanska, Kinga)[46] ; Porta, D (Porta, Daniela)[15] ; Poulsen, G (Poulsen, Gry)[1] ; Richiardi, L (Richiardi, Lorenzo)[16] ; Roeleveld, N (Roeleveld, Nel)[27] ; Skovgaard, AM (Skovgaard, Anne Mette)[2] ; Sram, RJ (Sram, Radim J.)[47] ; Strandberg-Larsen, K (Strandberg-Larsen, Katrine)[1] ; Thijs, C (Thijs, Carel)[28] ; Van Eijdsden, M (Van Eijdsden, Manon)[29,30] ; Wright, J (Wright, John)[11] ; Vrijheid, M (Vrijheid, Martine)[17] ; Andersen, AMN (Andersen, Anne-Marie Nybo)[1]. Pregnancy and Birth Cohort Resources in Europe: a Large Opportunity for Aetiological Child Health Research. *PAEDIATRIC AND PERINATAL EPIDEMIOLOGY.* 23772942
- Launes C, García-García JJ, Martínez-Planas A, Moraga F, Soldevila N, Astigarraga I, Arístegui J, Korta J, Quintana JM, Torner N, Domínguez A; CIBERESPCases and Controls in Pandemic Influenza Working Group.. Clinical features of influenza disease in admitted children during the first postpandemic season and risk factors for hospitalization: a multicentre Spanish experience. *Clin Microbiol Infect.* 23305123
- Le Moual N, Carsin A, Siroux V, Radon K, Norback D, Toren K, Olivieri M, Urrutia I, Cazzoletti L, Jacquemin B, Benke G, Kromhout H, Mirabelli M, Mehta A, Schlunssen V, Sigsgaard T, Blanc PD, Kogevinas M, Anto J, Zock J. Occupational exposures and uncontrolled adult-onset asthma in the ECRHS II. *Eur Respir J.* 23949964
- Le Moual N, Varraso R, Zock JP, Henneberger P, Speizer FE, Kauffmann F, Camargo CA Jr. Are operating room nurses at higher risk of severe persistent asthma? The Nurses's Health Study. *J Occup Environ Med.* 23887704
- Lee YC, Zugna D, Richiardi L, Merletti F, Marron M, Ahrens W, Pohlmann H, Lagiou P, Trichopoulos D, Agudo A, Castellsague X, Betka J, Holcatova I, Kjaerheim K, Macfarlane GJ, Macfarlane TV, Talamini R, Barzan L, Canova C, Simonato L, Conway DI, McKinney PA, Thomson P, Znaor A, Healy CM, McCartan BE, Boffetta P, Brennan P, Hashibe M. Smoking addiction and the risk of upper-aerodigestive-tract cancer in a multicenter case-control study. *Int J Cancer.* 23719996
- Leenders M, Sluijs I, Ros MM, Boshuizen HC, Siersema PD, Ferrari P, Weikert C, Tjonneland A, Olsen A, Boutron-Ruault MC, Clavel-Chapelon F, Nailler L, Teucher B, Li K, Boeing H, Bergmann MM, Trichopoulou A, Lagiou P, Trichopoulos D, Palli D, Pala V, Panico S, Tumino R, Sacerdote C, Peeters PH, van Gils CH, Lund E, Engeset D, Redondo ML, Agudo A, Sanchez MJ, Navarro C, Ardanaz E, Sonestedt E, Ericson U, Nilsson LM, Khaw KT, Wareham NJ, Key TJ, Crowe FL, Romieu I, Gunter MJ, Gallo V, Overvad K, Riboli E, Bueno-de-Mesquita HB. Fruit and vegetable consumption and mortality: European prospective investigation into cancer and nutrition. *Am J Epidemiol.* 23599238
- Legido-Quigley H, Otero L, la Parra D, Alvarez-Dardet C, Martin-Moreno JM, McKee M. Will austerity cuts dismantle the Spanish healthcare system? *BMJ.* 23766463
- Leone, M (Leone, Michela)[1] ; D'Ippoliti, D (D'Ippoliti, Daniela)[1] ; De Sario, M (De Sario, Manuela)[1] ; Analitis,

- A (Analitis, Antonis)[2] ; Menne, B (Menne, Bettina)[3] ; Katsouyanni, K (Katsouyanni, Klea)[2] ; De'Donato, FK (de'Donato, Francesca K.)[1] ; Basagana, X (Basagana, Xavier)[4,5,6] ; Ben Salah, A (Ben Salah, Affif)[7] ; Casimiro, E (Casimiro, Elsa)[8] ; Dortbudak, Z (Dortbudak, Zeynep)[9] ; Iniguez, C (Iniguez, Carmen)[4,10,11] ; Peretz, C (Peretz, Chava)[12] ; Wolf, T (Wolf, Tanja)[3] ; Michelozzi, P (Michelozzi, Paola)[1]. A time series study on the effects of heat on mortality and evaluation of heterogeneity into European and Eastern-Southern Mediterranean cities: results of EU CIRCE Project. ENVIRONMENTAL HEALTH . 23822609
- León-Muñoz LM, Martínez-Gómez D, Balboa-Castillo T, López-García E,Guallar-Castillón P, Rodríguez-Artalejo F. Continued Sedentariness, Change in Sitting Time, and Mortality in Older Adults.. Med Sci Sports Exerc. 23439420
- Letang, E.; Lewis, J.J.; Bower, M.; Mosam, A.; Borok, M.; Campbell, T.B.; Nanche, D.; Newsom-Davis, T.; Shaik, F.; Fiorillo, S.; Miro, J.M.; Schellenberg, D.; Easterbrook, P.J.. Immune reconstitution inflammatory syndrome associated with kaposi sarcoma: higher incidence and mortality in Africa than in the UK.. AIDS. 23462220
- Li J, Foo JN, Schoof N, Varghese JS, Fernandez-Navarro P, Gierach GL, Quek ST, Hartman M, Nord S, Kristensen VN, Pollán M, Figueroa JD, Thompson DJ, Li Y, Khor CC, Humphreys K, Liu J, Czene K, Hall P. Large-scale genotyping identifies a new locus at 22q13.2 associated with female breast size. J Med Genet. 23825393
- Liebana E, Carattoli A, Coque TM, Hasman H, Magiorakos AP, Mevius D, Peixe L, Poirel L, Schuepbach-Regula G, Torneke K, Torren-Edo J, Torres C, Threlfall J.. Public health risks of enterobacterial isolates producing extended-spectrum β -lactamases or AmpC β -lactamases in food and food-producing animals: an EU perspective of epidemiology, analytical methods, risk factors and control options. Clin Infect Dis. 23243183
- Limón-Ramírez Ramón, Gea-Velázquez de Castro M Teresa, Aranaz Andrés Jesús M. Diseño de una estrategia multimodal incluyendo marketing sanitario para la mejora del cumplimiento de la higiene de manos. Medicina Clínica.
- Llop S, Casas L, Santa Marina L, Estarlich M, Fernández-Somoano A, Esplugues A, Jimenez A, Zock JP, Tardón A, Marco A, Ballester F. Prenatal and postnatal residential usage of insecticides in a multicenter birth cohort in Spain. Sci Total Environ. 23337604
- Llop S, Julvez J, Fernandez-Somoano A, Santa Marina L, Vizcaino E, Iñiguez C, Lertxundi N, Gascón M, Rebagliato M, Ballester F. Prenatal and postnatal insecticide use and infant neuropsychological development in a multicenter birth cohort study. Environ Int. 23831543
- Llop S, Lopez-Espinosa MJ, Rebagliato M, Ballester F. Gender differences in the neurotoxicity of metals in children. Toxicology. 23632092
- Llop S, Porta M, Martinez MD, Aguinagalde X, Fernández MF, Fernández-Somoano A, Casas M, Vrijheid M, Ayerdi M, Tardón A, Ballester F.. [Trend in lead exposure in the Spanish child population in the last 20 years. An unrecognized example of health in all policies?]. Gac Sanit. 22503157
- Llop, S (Llop, Sabrina)[1] ; Ibarlucea, J (Ibarlucea, Jesus)[2,3] ; Sunyer, J (Sunyer, Jordi)[4,5,6] ; Ballester, F (Ballester, Ferran)[1,7. Current dietary exposure to mercury during pregnancy and childhood, and public health recommendations. GACETA SANITARIA
- Llorens F, Bañez-Coronel M, Pantano L, Del Río JA, Ferrer I, Estivill X, Martí E. A highly expressed miR-101 isomiR is a functional silencing small RNA. BMC Genomics. 23414127
- Llorens F, Hummel M, Pantano L, Pastor X, Vivancos A, Castillo E, Mattlin H, Ferrer A, Ingham M, Noguera M, Kofler R, Dohm JC, Pluvinet R, Bayés M, Himmelbauer H, del Rio JA, Martí E, Sumoy L. Microarray and deep sequencing cross-platform analysis of the mirRNome and isomiR variation in response to epidermal growth factor. BMC Genomics. 23724959
- Llupia, A.; Mena, G.; Olive, V.; Quesada, S.; Aldea, M.; Sequera, V.G.; Rios, J.; Garcia-Basteiro, A.L.; Varela, P.; Bayas, J.M.; Trilla, A. Evaluating influenza vaccination campaigns beyond coverage: A before-after study among health care workers. American Journal of Infection Control. 23896285
- Loane M, Morris JK, Addor MC, Arriola L, Budd J, Doray B, Garne E, Gatt M, Haeusler M, Khoshnood B, Klungsoyr Melve K, Latos-Bielenska A, McDonnell B, Mullaney C, O'Mahony M, Queisser-Wahrendorf A, Rankin J, Rissmann A, Rounding C, Salvador J, Tucker D, Wel. Twenty-year trends in the prevalence of Down syndrome and other trisomies in Europe: impact of maternal age and prenatal screening. Eur J Hum Genet. 22713804
- Lobatón T, Rodríguez-Moranta F, Lopez A, Sánchez E, Rodríguez-Alonso L, Guardiola J.. A new rapid quantitative test for fecal calprotectin predicts endoscopic activity in ulcerative colitis. Inflamm Bowel Dis. 23470502
- López MJ, Fernández E, Pérez-Rios M, Martínez-Sánchez JM, Schiaffino A, Galán I, Moncada A, Fu M, Montes A, Saltó E, Nebot M.. Impact of the 2011 spanish smoking ban in hospitality venues: indoor secondhand smoke exposure and influence of outdoor smoking. Nicotine Tob Res. 23100458
- López-Abente G.. Cancer surveillance in Spain: regional inequalities and peculiarities of temporal trends.. Bull Cancer. 23615683
- López-Ferrer A, Vilarrasa E, Gich IJ, Puig L.. Adalimumab for the treatment of psoriasis in real life: a retrospective cohort of 119 patients at a single spanish centre. Br J Dermatol. 23909993
- Lopez-Garcia E, Guallar-Castillon P, Leon-Muñoz L, Graciani A, Rodriguez-Artalejo F. Coffee consumption and health-related quality of life.. Clin Nutr. 23622779
- Lopez-Garcia E, Guallar-Castillon P, Leon-Muñoz L, Rodriguez-Artalejo F. Prevalence and determinants of metabolically healthy obesity in Spain. Atherosclerosis. 24125427
- López-Gigosos R, Campins M, Calvo MJ, Pérez-Hoyos S, Díez-Domingo J, Salleras L, Azuara MT, Martínez X, Bayas JM, Ramón Torrell JM, Pérez-Cobaleda MA, Núñez-Torrón ME, Gorgojo L, García-Rodríguez M, Díez-Díaz R, Armadans

- L,Sánchez-Fernández C, Mejías T, Mas. Effectiveness of the WC/rBS oral cholera vaccine in the prevention of traveler's diarrhea: A prospective cohort study.. *Hum Vaccin.* 23324573
- López-Mejías R, Corrales A, Genre F, Hernández JL, Ochoa R, Blanco R, González-Juanatey C, Martín J, Llorca J, González-Gay MA. Angiopoietin-2 serum levels correlate with severity, early onset and cardiovascular disease in patients with rheumatoid arthritis. *Clin Exp Rheumatol.* 23899926
- López-Ruiz M, Martínez JM, Gil JM, Boix P, García AM, Rodrigo F, Moreno A, Benavides FG. Evaluation of the effectiveness of occupational injury prevention programs at the company level. *Saf Sci.* WOS:000313305000030
- Lubin JH, De Stefani E, Abnet CC, Acosta G, Boffetta P, Victora CG, Graubard BI, Munoz N, Deneo-Pellegrini H, Franceschi S, Castellsagué X, Ronco AL, Dawsey SM.. Mate drinking and esophageal squamous cell carcinoma in South America: pooled results from two large multi-center case-control studies.. *Cancer Epidemiol Biomarkers Prev.* 24130226
- Luczynska A, Kaaks R, Rohrmann S, Becker S, Linseisen J, Buijsse B, Overvad K, Trichopoulou A, Valanou E, Barmptsioti A, Masala G, Agnoli C, Tumino R, Panico S, Bueno-de-Mesquita HB, van Duijnhoven FJ, Peeters PH, Vermeulen R, Weiderpass E, Brustad M, Skeie G, González CA, Jakszyn P, Quirós JR, Sánchez MJ, Huerta JM, Ardanaz E, Melin B, Johansson AS, Almquist M, Malm J, Khaw KT, Wareham N, Travis RC, Fedirko V, Romieu I, Jenab M, Gallo V, Riboli E, Vineis P, Nieters A. Plasma 25-hydroxyvitamin D concentration and lymphoma risk: results of the European Prospective Investigation into Cancer and Nutrition. *Am J Clin Nutr.* 23885049
- Lukanova A;Becker S;Husing A;Schock H;Fedirko V;Trepo E;Trichopoulou A;Bamia C;Lagiou P;Benetou V;Trichopoulos D;Nothlings U;Tjonneland A;Overvad K;Dossus L;Teucher B;Boeing H;Aleksandrova K;Palli D;Pala V;Panico S;Tumino R;Riccieri F;Bueno-de-Mesquita HB;Siersema PD;Peeters PM;Quiros JR;Duell EJ;Molina-Montes E;Chirlaque MD;Gurrea AB;Dorransoro M;Lindkvist B;Johansen D;Werner M;Sund M;Khaw KT;Wareham N;Key TJ;Travis RC;Rinaldi S;Romieu I;Gunter MJ;Riboli E;Jenab M;Kaaks R;. Pre-diagnostic plasma testosterone, sex hormone binding globulin, IGF-I and hepatocellular carcinoma: Etiological factors or risk markers?. *Int J Cancer.* 23801371
- M. Morales Suarea-Varela, E. Clemente-Bosch, N.Rubio-Lopez, A. Llopis-Gonzalez. Relación del nivel de práctica de actividad física con la salud cardiovascular en adolescentes en valencia. *Gac Sanit.*
- M. Morales Suarea-Varela, J. Schmitt, N. Rubio López, E.Ortega González, MT Morales Suárez-Varela, A. Llopis-Gonzalez. Epidemiología de las enfermedades parasitarias tropicales en Valencia, España. *Gac Sanit.*
- M. Morales Suarea-Varela, M. Perez-Cebrián, I Font-Noguera, E Monte-Boquet, JL Poveda-Andres, JM Martin Moreno, T Chen, N Gimeno-Clemente, A. Llopis-Gonzalez. Estudio de la idoneidad de la prescripción de Linezolid en función de la indicación en un hospital universitario de España. *Gac Sanit.*
- M. Morales Suarea-Varela, P. Reguera Leal, A. Llopis-Gonzalez. Factores nutricionales en el control de los pacientes con psoriasis. *Gac Sanit.*
- M. Morales Suarea-Varela, S.Garcia Vicente, C. Gonzalez Steinbauer, A. Llopis-Gonzalez. Hemodialisis y gestion medioambiental: ¿Unión necesaria?. *Gac Sanit.*
- M. Morales Suarea-Varela, T. Ramada Rosello, A. Llopis-Gonzalez. Valoración de aporte de la vitamina D en mujeres que presentan osteoporosis. *Gac Sanit.*
- M. Morales Suarez-Varela, F. González-Candelas, A. Llopis-Gonzalez, J. Astray, O.Garin, J.C.Galan, J.Castilla, A.Dominguez et al. Caracterización de la Gripe (H1N1) 2009 en mujeres embarazadas y no embarazadas hospitalizadas en España en la temporada 2009-2010. . *Gac Sanit.*
- M. Morales Suarez-Varela, M.E. Cutillas Marco, A. Fuertes-Prosper. Niveles de vitamina D y colesterol en la población mediterránea. *Gac Sanit*
- M. Morales Suarez-Varela, S. Mari-Bauset. Dieta de exclusion caseína/gluten en el trastorno del espectro autista. *Gac Sanit.*
- Machón M, Arriola L, Larrañaga N, Amiano P, Moreno-Iribas C, Agudo A, Ardanaz E, Barricarte A, Buckland G, Chirlaque MD, Gavrila D, Huerta JM, MartínezC, Molina E, Navarro C, Quiros JR, Rodríguez L, Sanchez MJ, González CA, Dorransoro M. Validity of self-reported prevalent cases of stroke and acute myocardial infarction in the Spanish cohort of the EPIC study. *J Epidemiol Community Health.* 22577182
- Macías F, Malmusi D, Borrell C.. Different patterns by age-group and gender of socioeconomic inequalities in smoking in Colombia.. *Nicotine Tob Res.* 23645609
- Macintyre EA, Gehring U, Mölter A, Fuertes E, Klümper C, Krämer U, Quass U, Hoffmann B, Gascon M, Brunekreef B, Koppelman GH, Beelen R, Hoek G, Birk M, de Jongste JC, Smit H, Cyrus J, Gruzjeva O, Korek M, Bergström A, Agius RM, de Vocht F, Simpson A, Porta D, Forastiere F, Badaloni C, Cesaroni G, Esplugues A, Fernández-Somoano A, Lerxundi A, Sunyer J, Cirach M, Nieuwenhuijsen MJ, Pershagen G, Heinrich J. Air Pollution and Respiratory Infections during Early Childhood: An Analysis of 10 European Birth Cohorts within the ESCAPE Project. *Environ Health Perspect.* 24149084
- Main C, Knight B, Moxham T, Gabriel Sanchez R, Sanchez Gomez LM, Roqué i Figuls M, Bonfill Cosp X.. Hormone therapy for preventing cardiovascular disease in post-menopausal women. *Cochrane Database Syst Rev.* 23633307
- Mallone S, De Angelis R, van der Zwan JM, Trama A, Siesling S, Gatta G, Capocaccia R, RARECARE Working Group. Methodological aspects of estimating rare cancer prevalence in Europe: The experience of the RARECARE Project. *Cancer Epidemiol.*
- Manuel Muñoz-Torres, Rebeca Reyes-García, Antonia García-Martin, José Juan Jiménez-Moleón, Amanda Rocío Gonzalez-Ramírez, María Jesús Lara-Villoslada and Pedro Rozas Moreno. Ischemic heart disease is associated with vertebral fractures in patients with type 2 diabetes mellitus. *J Diabetes Invest.*
- Manzanares S, Lafuente S, Martí M, Simon P, Gorrindo P, Caylà JA.. Incidence of whooping cough in the city of Barcelona

- between 1999 and 2011. *Enferm Infecc Microbiol Clin.* 22939563
- Manzano F, Pérez AM, Colmenero M, Aguilar MM, Sánchez-Cantalejo E, Reche AM, Talavera J, López F, Barco SF, Fernández-Mondejar E.. Comparison of alternating pressure mattresses and overlays for prevention of pressure ulcers in ventilated intensive care patients: a quasi-experimental study. *J Adv Nurs.* 23347198
- March Cerdá JC, Danet A, Prieto Rodríguez MA, Martín Barato A, López Doblas M, Luque Martín N. Acceptability and Impact of Measures Regulating Alcohol Consumption Among Adolescents in Spain: Opinions of Adolescents, Parents, and Teacher. *JOURNAL OF CHILD & ADOLESCENT SUBSTANCE ABUSE.*
- Marco A, Esteban JI, Solé C, da Silva A, Ortiz J, Roget M, Sarriera C, Teixidó N, Guerrero RA, Caylà JA. Hepatitis C virus reinfection among prisoners with sustained virological response after treatment for chronic hepatitis C. *J Hepatol.* 23523577
- Marco E*, Ramírez-Sarmiento A, Coloma A, Sartor M, Comín J, Vila JS, Enjuanes C, Bruguera J, Escalada F, Gea J, Orozco-Levi M. High-intensity vs. sham inspiratory muscle training in patients with chronic heart failure: a prospective randomized trial. *Eur J Heart Failure.* 23512093
- Marco Mouriño A, Gallego Castellví C, García de Olalla P, Solé Zapata N, Argüelles Fernández MJ, Escribano Ibáñez M, Sánchez Roig M, Caylà Buqueras JA. Late diagnosis of HIV infection among prisoners. *AIDS Rev.* 24002198
- Marcos Marcos J, Romo N, del Río Lozano M, Palomares J, García Calvente MM. Performing masculinity, influencing health: a qualitative mixed-methods study of young Spanish men. *Global health action.* 24044583
- Maria M. Morales Suarea-Varela, Ellen A. Nohr, Bodil Hammer Bech, Jorn Olsen. Smoking behaviour during pregnancy and foetal loss: a study in the Danish National Birth Cohort (DNBC). *Eur J Epidemiol.*
- Maria M. Morales Suarea-Varela, Salvador Mari-Bauset, Agustín Llopis-Gonzalez. Food selectivity in autism spectrum disorders: a systematic review.. *Eur J Epidemiol.*
- Marí-Dell'Olmo M; Martínez-Beneito MA; Gotsens M; Laia Palència L. A smoothed ANOVA model for multivariate ecological regression. *Stoch Environ Res Risk Assess.*
- Marí-Dell'Olmo M, Gotsens M, Borrell C, Martínez-Beneito MA, Palència L, Pérez G, Cirera L, Daponte A, Domínguez-Berjón F, Esnaola S, Gandarillas A, Lorenzo P, Martos C, Nolasco A, Rodríguez-Sanz M. Trends in Socioeconomic Inequalities in Ischemic Heart Disease Mortality in Small Areas of Nine Spanish Cities from 1996 to 2007 Using Smoothed ANOVA. *J Urban Health.* 23564269
- Marin-Menendez, A.; Bardaji, A.; Martínez-Espinosa, F.E.; Botto-Menezes, C.; Lacerda, M.V.; Ortiz, J.; Cistero, P.; Piqueras, M.; Felger, I.; Mueller, I.; Ordi, J.; Del Portillo, H.; Menendez, C.; Wahlgren, M.; Mayor, A.. Rosetting in *Plasmodium vivax*: A Cytoadhesion Phenotype Associated with Anaemia. *PLoS Neglected Tropical Diseases.* 23593522
- Maroto Navarro G, Pastor Moreno G, Ocaña Riola R, Benítez Hidalgo V, García Calvente MM, Gutiérrez Cuadra MD, Gijón Sánchez MT, del Río Lozano M, Marcos Marcos J.. Male and female involvement in the birth and child-rearing process. *J Clin Nurs.* 24007478
- Marqués Sánchez P, Fernández Peña R, Cabrera León A, Muñoz Doyague MF, Llopis Cañameras J, Arias Ramos N.. Health system sustainability from a network perspective: a proposal to optimize healthy habits and social support. *Rev Esp Salud Publica.* 24100770
- Martí-Carvajal AJ, Agreda-Pérez LH, Solà I, Simancas-Racines D. Erythropoiesis-stimulating agents for anemia in rheumatoid arthritis. *Cochrane Database Syst Rev.* 23450527
- Martí-Carvajal AJ, Solà I, Lathyris D, Karakitsiou DE, Simancas-Racines D. Homocysteine-lowering interventions for preventing cardiovascular events.. *Cochrane Database Syst Rev.* 23440809
- Martín Zurro A, Jiménez Villa J, Monreal Hajar A, Mundet Tuduri X, OteroPuime A, Alonso Coello P; Investigación Universidad y Medicina de Familia (UNIMEDFAM).. [Spanish medical students and Family Medicine. Data from the two phases of a national questionnaire]. *Aten Primaria.* 22995410
- Martínez A, Torner N, Broner S, Bartolomé R, Guix S, de Simón M, Godoy P, Moreno A, Company M, Balanya PJ, Sala MR, Torra R, Ferrús G, Parrón I, Barrabeig I, Domínguez A. Norovirus: a growing cause of gastroenteritis in Catalonia (Spain)?. *J Food Prot.* 24112586
- Martínez Galiano JM, Delgado Rodríguez M. Effect of maternal education program on duration of hospitalization of the newborn and the mother after delivery. *Gac Med Mex.* 23807325
- Martínez Galiano JM, Delgado Rodríguez M. Early initiation of breastfeeding is benefited by maternal education program. *Rev Assoc Med Bras.* 23688509
- Martínez García L, Sanabria AJ, Araya I, Lawson J, Haynes RB, Rigau D, Solà I, Díaz Del Campo P, Estrada MD, Etxeandia-Ikobaltzeta I, García Álvarez E, Gracia J, Kotzeva A, Louro-González A, Salcedo-Fernández F, Trujillo-Martín MM, Alonso-Coello P. Strategies to assess the validity of recommendations: a study protocol. *Implement Sci.* 23967896
- Martínez-Baz I, Díaz-González J, Guevara M, Toledo D, Zabala A, Domínguez A, Castilla J. Actitudes, percepciones y factores asociados a la vacunación antigripal en los profesionales sanitarios de atención primaria de Navarra, 2011-2012. *An Sist Sanit Navar.* 24008529
- Martínez-Baz I, Martínez-Artola V, Reina G, Guevara M, Cenoz MG, Morán J, Irisarri F, Arriazu M, Albeniz E, Castilla J; Primary Health Care Sentinel Network of Navarre.. Effectiveness of the trivalent influenza vaccine in Navarre, Spain, 2010-2011: a population-based test-negative case-control study. *BMC Public Health.* 23496887
- Martínez-Beneito MA, Zurriaga O, Botella-Rocamora P, Marí-Dell'Olmo M, Nolasco A, Moncho J, Daponte A,

- Domínguez-Berjón MF, Gandarillas A, Martos C, Montoya I, Sánchez-Villegas P, Taracido M, Borrell C. Do socioeconomic inequalities in mortality vary between different Spanish cities? a pooled cross-sectional analysis. *BMC Public Health*. 23679869
- Martínez-Galiano JM, Delgado-Rodríguez M. Influence of an education program of pregnant women on delivery. *J Matern Fetal Neonatal Med*. 23962180
- Martínez-Gómez D, Guallar-Castillón P, León-Muñoz LM, López-García E, Rodríguez-Artalejo F. Combined impact of traditional and non-traditional health behaviors on mortality: a national prospective cohort study in Spanish older adults. *BMC Med*. 23433432
- Martínez-Gómez D, León-Muñoz LM, Guallar-Castillón P, López-García E, Aguilera MT, Banegas JR, Rodríguez-Artalejo F. Reach and equity of primary care-based counseling to promote walking among the adult population of Spain. *J Sci Med Sport*. 23419646
- Martínez-Ruiz V, Jiménez-Mejías E, Amezcua-Prieto C, Luna del Castillo JD, Jiménez-Moleón JJ, Lardelli-Claret, P. Asociación de la edad y el sexo con la intensidad de exposición al uso de la bicicleta en España, 1993-2009. *An Sist Sanit Navar*.
- Martínez-Ruiz V, Jiménez-Mejías E, Luna-Del-Castillo J de D, García-Martín M, JJ Jiménez Moleón, Lardelli-Claret P. Association of Cyclists' Age and Sex with Risk of Involvement in A Crash Before and after Adjustment for Cycling. *Accid. Anal. Prev*.
- Martínez-Ruiz V, Lardelli-Claret P, Jiménez-Mejías E, Amezcua-Prieto C, Jiménez-Moleón JJ, Luna del Castillo Jde D. Risk factors for causing road crashes involving cyclists: An application of a quasi-induced exposure method. *Accid Anal Prev*. 23274281
- Martín-Fernández J, del Cura-González MI, Rodríguez-Martínez G, Ariza-Cardiel G, Zamora J, Gómez-Gascón T, Polentinos-Castro E, Pérez-Rivas FJ, Domínguez-Bidagor J, Beamud-Lagos M, Tello-Bernabé ME, Conde-López JF, Aguado-Arroyo Ó, Sanz-Bayona MT, Gil-Lacruz AI. Economic valuation of health care services in public health systems: a study about Willingness to Pay (WTP) for nursing consultations.. *Plos One*. 23626858
- Martino A, Sainz J, Manuel Reis R, Moreno V, Buda G, Lesueur F, Marques H, García-Sanz R, Ríos R, Stein A, Dumontet C, Gemignani F, Maria Rossi A, Landi S, Jurado M, Petrini M, Jamrozak K, Campa D, Canzian F. Polymorphisms in regulators of xenobiotic transport and metabolism genes PXR and CAR do not affect multiple myeloma risk: a case-control study in the context of the IMMEnSE consortium. *J Hum Genet*. 23303387
- Martín-Pujol A, Fernández E, Schiaffino A, Moncada A, Ariza C, Blanch C, Martínez-Sánchez JM. Tobacco smoking, exposure to second-hand smoke, and asthma and wheezing in schoolchildren: a cross-sectional study.. *Acta Paediatrica*. 23581609
- Martín-Rodríguez JL, Arrebola JP, Jiménez-Moleón JJ, Olea N, González-Calvin JL. Sonographic quantification of a Hepato-Renal Index for the assessment of hepatic steatosis in comparison with 3T proton magnetic resonance spectroscopy. *Eur J Gastroenterol Hepatol*. 23921844
- Masiá A, Ibáñez M, Blasco C, Sancho JV, Picó Y, Hernández F. Combined use of liquid chromatography triple quadrupole mass spectrometry and liquid chromatography quadrupole time-of-flight mass spectrometry in systematic screening of pesticides and other contaminants in water samples. *Anal Chim Acta*. 23312322
- Masiá A, Moliner-Martinez Y, Muñoz-Ortuño M, Pico Y, Campíns-Falcó P. Multiresidue analysis of organic pollutants by in-tube solid phase microextraction coupled to ultra-high performance liquid chromatography-electrospray-tandem mass spectrometry. *J Chromatogr A*. 23910602
- Massanella M, Esteve A, Buzón MJ, Llibre JM, Puertas MC, Gatell JM, Domingo P, Stevenson M, Clotet B, Martínez-Picado J, Blanco J; the IntegRal Collaborative Group. Dynamics of CD8 T-Cell Activation after Discontinuation of HIV Treatment Intensification. *J Acquir Immune Defic Syndr*. 23392458
- Mata-Cases M, Benito-Badorrey B, Roure-Olmeda P, Franch-Nadal J, Pepió-Vilabí JM, Saez M, Coll-de-Tuero G on behalf of the GEDAPS (Primary Care Group for the study of Diabetes) of the Catalanian Society of Family and Community Medicine). Clinical inertia in the treatment of hyperglycemia in type 2 diabetes patients in primary care. *Current Medical Research and Opinion*. 23944631
- Matas M, Picornell A, Cifuentes C, Payeras A, Bassa A, Homar F, González-Candelas F, López-Labrador FX, Moya A, Ramon MM, Castro JA. Generalized Linear Model (GLM) framework for the association of host variables and viral strains with liver fibrosis in HCV/HIV coinfecting patients. *Infect Genet Evol*. 23174528
- Mateos-Lindemann ML, Díez-Aguilar M, Galdamez AL, Galán JC, Moreno A, Pérez-Gracia MT. Patients infected with HIV are at high-risk for hepatitis E virus infection in Spain. *J Med Virol*. 24136591
- Matorras R, Andrés M, Mendoza R, Prieto B, Pijoán JI, Exposito A. Prevention of ovarian hyperstimulation syndrome in GnRH agonist IVF cycles in moderate risk patients: randomized study comparing hydroxyethyl starch versus cabergoline and hydroxyethyl starch. 23932181
- May MT, Ingle SM, Costagliola D, Justice AC, de Wolf F, Cavassini M, D'Arminio Monforte A, Casabona J, Hogg RS, Mocroft A, Lampe FC, Dabis F, Fätkenheuer G, Sterling TR, Del Amo J, Gill MJ, Crane HM, Saag MS, Guest J, Brodt HR, Sterne JA. Cohort profile: Antiretroviral Therapy Cohort Collaboration (ART-CC). *Int J Epidemiol*. 23599235
- Maynadié M, De Angelis R, Marcos-Gragera R, Visser O, Allemanni C, Tereanu C, Capocaccia R, Giacomini A, Lutz JM, Martos C, Sankila R, Johannesen TB, Simonetti A, Sant M; HAEMACARE Working Group.. Survival of European patients diagnosed with myeloid malignancies: a HAEMACARE study. *Haematologica*. 22983589
- Mayor A, Kumar U, Bardají A, Gupta P, Jiménez A, Hamad A, Sigaúque B, Singh B, Quintó L, Kumar S, Gupta PK, Chauhan VS, Dobaño C, Alonso PL, Menéndez C, Chitnis CE.. Improved pregnancy outcomes in women exposed to malaria with

- high antibody levels against Plasmodium falciparum. *J Infect Dis.* 23448726
- Mayoral JM, Alonso J, Garín O, Herrador Z, Astray J, Baricot M, Castilla J, Cantón R, Castro A, Delgado-Rodríguez M, Ferri A, Godoy P, González-Candelas F, Martín V, Pumarola T, Quintana JM, Soldevila N, Tamames S, Domínguez A; CIBERESP Cases and Controls. Social factors related to the clinical severity of influenza cases in Spain during the A (H1N1) 2009 virus pandemic. *BMC Public Health.* 23391376
- McDowell RD*, Ryan A, Bunting B, O'Neill S, Alonso J, Bruffaerts R, de Graaf R, Florescu S, Vilagut G, de Almeida JM, de Girolamo G, Haro JM, Hinkov H, Kovess-Masfety V, Matschinger H, Tomov T. Mood and anxiety disorders across the adult lifespan: a European perspective. *Psychol Med.* 23721650
- McElhinney LM, Marston DA, Leech S, Freuling CM, van der Poel WH, Echevarria J, Vázquez-Moron S, Horton DL, Müller T, Fooks AR.. Molecular Epidemiology of Bat Lyssaviruses in Europe. *Zoonoses. Public Health.* . 22937876
- McHugh MK, Schabath MB, Ho CH, Liu M, D'Amelio AM Jr, Greisinger AJ, Delclos GL, Spitz MR, Etzel CJ.. Self-reported prior lung diseases as risk factors for non-small cell lung cancer in Mexican-Americans. *J Immigr Minor Health.* 22847640
- Medina S, Ballester F, Chanel O, Declercq C, Pascal M. Quantifying the health impacts of outdoor air pollution: useful estimations for public health action. *J Epidemiol Community Health.* 23505307
- Mehdipanah R, Malmusi D, Muntaner C, Borrell C.. An evaluation of an urban renewal program and its effects on neighborhood resident's overall wellbeing using concept mapping. *Health Place.* 23727619
- Melén E, Granell R, Kogevinas M, Strachan D, Gonzalez JR, Wjst M, Jarvis D, Ege M, Braun-Fahrlander C, Genuneit J, Horak E, Bouzigon E, Demenais F, Kauffmann F, Siroux V, Michel S, von Berg A, Heinzmann A, Kabesch M, Probst-Hensch NM, Curjuric I, Imboden M.. Genome-wide association study of body mass index in 23,000 individuals with and without asthma.. *Clin Exp Allergy.* . 23517042
- Meléndez Illanes L, González Díaz C, Alvarez-Dardet C.. Functional foods: For the health service or new business for the food industry? *Aten Primaria.* 23481127
- Mena, G.; Llupia, A.; Garcia-Basteiro, A.L.; Sequera, V.-G.; Aldea, M.; Bayas, J.M.; Trilla, A. Educating on professional habits: attitudes of medical students towards diverse strategies for promoting influenza vaccination and factors associated with the intention to get vaccinated. *BMC Medical Education.* 23866902
- Mena, G.; Sequera, V.-G.; Nogue-Xarau, S.; Rios, J.; Bertran, M.J.; Trilla, A. [Translation and cross-cultural adaptation of the Quick Environmental Exposure and Sensitivity Inventory for use in the Spanish population]. *Medicina Clinica.* 23347502
- Mercado LA, Freille SM, Vaca-Pereira JS, Cuellar M, Flores L, Mutch E, Olea N, Arrebola JP. Serum concentrations of p,p'-dichlorodiphenyltrichloroethane (p,p'-DDE) in a sample of agricultural workers from Bolivia.. *Chemosphere.* 23399304
- Mesas AE, Guallar-Castillón P, López-García E, León-Muñoz LM, Graciani A, Banegas JR, Rodríguez-Artalejo F. Sleep quality and the metabolic syndrome: the role of sleep duration and lifestyle.. *Diabetes Metab Res Rev.* 24123692
- Michaud DS, Izard J, Wilhelm-Benartzi CS, You DH, Grote VA, Tjønneland A, Dahm CC, Overvad K, Jenab M, Fedirko V, Boutron-Ruault MC, Clavel-Chapelon F, Racine A, Kaaks R, Boeing H, Foerster J, Trichopoulou A, Lagiou P, Trichopoulos D, Sacerdote C, Sieri S, P. Plasma antibodies to oral bacteria and risk of pancreatic cancer in a large European prospective cohort study. *Gut.* 22990306
- Michaud DS; Izard J; Rubin Z; Johansson I; Weiderpass E; Tjønneland A; Olsen A; Overvad K; Boutron-Ruault MC; Clavel-Chapelon F; Dossus L; Kaaks R; Katzke VA; Boeing H; Foerster J; Trichopoulou A; Naska A; Ziara G; Vineis P; Grioni S; Palli D; Tumino R; Mattiello A; Peeters PH; Siersema PD; Barricarte A; Huerta JM; Molina-Montes E; Dorronsoro M; Quiros JR; Duell EJ; Ohlsson B; Jeppsson B; Johansson A; Lif P; Khaw KT; Wareham N; Travis RC; Key TJ; Freisling H; Duarte-Salles T; Stepien M; Riboli E; Bueno-de-Mesquita HB;. Lifestyle, dietary factors, and antibody levels to oral bacteria in cancer-free participants of a European cohort study.. *Cancer Causes Control.* 23901020
- Millet JP, Moreno A, Fina L, Del Baño L, Orcau A, de Olalla PG, Caylà JA.. Factors that influence current tuberculosis epidemiology. *Eur Spine J.* 22565801
- Millet JP, Orcau A, Casals M, Garcia de Olalla P, Caylà JA. Recurrences in tuberculosis in a cohort of human immunodeficiency virus-infected patients: The influence of highly active antiretroviral therapy. *Enferm Infecc Microbiol Clin.* 23219687
- Millet JP, Shaw E, Orcau A, Casals M, Miró JM, Caylà JA; Barcelona Tuberculosis Recurrence Working Group.. Tuberculosis recurrence after completion treatment in a European city: reinfection or relapse? *PLoS One.* 23776440
- Miñones-Moyano E, Friedländer MR, Pallares J, Kagerbauer B, Porta S, Escaramís G, Ferrer I, Estivill X, Martí E.. Upregulation of a small vault RNA (svtRNA2-1a) is an early event in Parkinson disease and induces neuronal dysfunction.. *RNA Biol.* . 23673382
- Miranda-Filloy JA, López-Mejías R, Genre F, Carnero-López B, Ochoa R, Diaz de Terán T, González-Juanatey C, Blanco R, Llorca J, González-Gay MA.. Leptin and visfatin serum levels in non-diabetic ankylosing spondylitis patients undergoing TNF- α antagonist therapy. *Clin Exp Rheumatol.* 23711190
- Miranda-Filloy JA, López-Mejías R, Genre F, Carnero-López B, Ochoa R, Diaz de Terán T, González-Juanatey C, Blanco R, Llorca J, González-Gay MA.. Adiponectin and resistin serum levels in non-diabetic ankylosing spondylitis patients undergoing TNF- α antagonist therapy. *Clin Exp Rheumatol.* 23294554
- Mitjà O, Paru R, Selve B, Betuela I, Siba P, De Lazzari E, Bassat Q. Malaria epidemiology in Lihir Island, Papua New Guinea. *Malaria Journal.* . 3497296
- Mitja, O.; Bassat, Q. Developments in therapy and diagnosis of yaws and future prospects Expert Review of Anti-

- Infective Therapy. . 24073783
- Mocanu SN, Balagué Ponz MC, Targarona Soler EM, Roque Figuls M, Trias Folch M. Influence of the type of thoracic access on postesophagectomy respiratory complications. *Cir Esp.* 24050831
- Moleres A, Campión J, Milagro FI, Marcos A, Campoy C, Garagorri JM, Gómez-Martínez S, Martínez JA, Azcona-Sanjulián MC, Martí A; on behalf of the EVASYON Study Group. Differential DNA methylation patterns between high and low responders to a weight loss intervention in overweight or obese adolescents: the EVASYON study. *FASEB J.* 23475851
- Molina-Leyva A, Leyva-García A, Ruiz-Carrascosa JC, Naranjo-Sintes R, Jiménez-Moleón JJ. Psoriasis comprehensive care. An evaluation of a web site. *CIN-Comput. Inform. Nurs.*
- Molina-Molina JM, Amaya E, Grimaldi M, Sáenz JM, Real M, Fernández MF, Balaguer P, Olea N. In vitro study on the agonistic and antagonistic activities of bisphenol-S and other bisphenol-A congeners and derivatives via nuclear receptors. *Toxicol Appl Pharmacol.* 23714657
- Molina-Montes E, Pollán M, Payer T, Molina E, Dávila-Arias C, Sánchez MJ. Risk of second primary cancer among women with breast cancer: a population-based study in Granada (Spain).. *Gynecol Oncol.* 23648471
- Moncunill G, Aponte JJ, Nhabomba AJ, Dobaño C. Performance of Multiplex Commercial Kits to Quantify Cytokine and Chemokine Responses in Culture Supernatants from Plasmodium falciparum Stimulations.. *PLoS ONE.* 23300981
- Moncunill G, Mayor A, Jiménez A, Nhabomba A, Puyol L, Manaca MN, Barrios D, Cisteró P, Guinovart C, Aguilar R, Bardají A, Pinazo MJ, Angov E, Dutta S, Chitnis CE, Muñoz J, Gascón J, Dobaño C. Cytokine and Antibody Responses to Plasmodium falciparum in Naive Individuals during a First Malaria Episode: Effect of Age and Malaria Exposure.. *PLoS ONE.* 23437061
- Moncunill, G.; Mayor, A.; Bardaji, A.; Puyol, L.; Nhabomba, A.; Barrios, D.; Aguilar, R.; Pinazo, M.-J.; Almirall, M.; Soler, C.; Munoz, J.; Gascon, J.; Dobano, C. Cytokine Profiling in Immigrants with Clinical Malaria after Extended Periods of Interrupted Exposure to Plasmodium falciparum. *PLoS one.* 23967342
- Moncunill, G.; Mayor, A.; Jimenez, A.; Nhabomba, A.; Casas-Vila, N.; Puyol, L.; Campo, J.J.; Manaca, M.N.; Aguilar, R.; Pinazo, M.-J.; Almirall, M.; Soler, C.; Munoz, J.; Bardaji, A.; Angov, E.; Dutta, S.; Chitnis, C.E.; Alonso, P.L.; Gascon, J.; Dobano, C.. High Antibody Responses against Plasmodium falciparum in Immigrants after Extended Periods of Interrupted Exposure to Malaria. *PLoS one.* 23967347
- Mondul AM, Shui IM, Yu K, Travis RC, Stevens VL, Campa D, Schumacher FR, Ziegler RG, Bueno-de-Mesquita HB, Berndt S, Crawford ED, Gapstur SM, Gaziano JM, Giovannucci E, Haiman CA, Henderson BE, Hunter DJ, Johansson M, Key TJ, LeMarchand L, Lindström S, McC. Genetic variation in the vitamin D pathway in relation to risk of prostate cancer--results from the breast and prostate cancer cohort consortium. *Cancer Epidemiol Biomarkers Prev.* 23377224
- Monés J, Biarnés M, Trindade F, Arias L, Alonso J. Optical Coherence Tomography Assessment of Apparent Foveal Swelling in Patients with Foveal Sparing Secondary to Geographic Atrophy. *Ophthalmology.* 23290986
- Monnereau A, Glaser SL, Schupp CW, Ekström Smedby K, de Sanjosé S, Kane E, Melbye M, Forétva L, Maynadié M, Staines A, Becker N, Nieters A, Brennan P, Boffetta P, Cocco P, Glimelius I, Clavel J, Hjalgrim H, Chang ET. Exposure to ultraviolet radiation and risk of Hodgkin lymphoma: a pooled analysis. *Blood.* 24016459
- Monroy-Vaca EX, Armas YD, Illnait-Zaragozí MT, Toraño G, Diaz R, Vega D, Alvarez-Lam I, Calderón EJ, Stensvold CR. Prevalence and Genotype Distribution of Pneumocystis jirovecii in Cuban Infants and Toddlers with Whooping Cough.. *"J Clin Microbiol."* 24131683
- Montalban C, Abraira V, Arcaini L, Domingo-Domenech E, Guisado-Vasco P, Iannitto E, Mollejo M, Matutes E, Ferreri AJ, Salar A, Rattotti S, Carpaneto A, Perez R, Bello JL, Hernandez M, Caballero D, Carbonell F, Piris MA; for the Splenic Marginal Zone Lymphoma Study Group (SMZLSG). Simplification of risk stratification for splenic marginal zone lymphoma: a point-based score for practical use. *Leuk Lymphoma.* 23799931
- Montero I, Martín-Baena D, Escribà-Agüir V, Ruiz-Pérez I, Vives-Cases C, Talavera M. Intimate Partner Violence in Older Women in Spain: Prevalence, Health Consequences, and Service Utilization. *J Women Aging.* 24116995
- Montes de Oca L, Moreno M, Cardona D, Campa L, Suñol C, Galofré M, Flores P, Sánchez-Santed F. Long term compulsivity on the 5-choice serial reaction time task after acute Chlorpyrifos exposure. *Toxicol Lett.* 23194828
- Montes R, Chisaguano AM, Castellote AI, Morales E, Sunyer J, López-Sabater MC. Fatty-acid composition of maternal and umbilical cord plasma and early childhood atopic eczema in a Spanish cohort. *Eur J Clin Nutr.* 23549201
- Montserrat-Capdevila J, Godoy P, Marsal JR, Cruz I, Solanes M. Effectiveness of influenza vaccination in preventing hospital admission due to exacerbations of chronic obstructive pulmonary disease. *Enferm Infecc Microbiol Clin.* 23582192
- Morales E; Gascon M; Martinez D; Casas M; Ballester F; Rodriguez-Bernal CL; Ibarluzea J; Marina LS; Espada M; Goni F; Vizcaino E; Grimalt JO; Sunyer J. Associations between blood persistent organic pollutants and 25-hydroxyvitamin D3 in pregnancy. *Environ Int.* 23651836
- Morales-Piga A, Alonso-Ferreira V, Villaverde-Hueso A, Posada de la Paz M, López-Abente G. Mortality of congenital osteochondrodysplasias: a nationwide registry-based study.. *Am J Med Genet A.* 23687076
- Morales-Suárez-Varela MM, Olsen J, Villeneuve S, Johansen P, Kaerlev L, Llopis-González A, Wingren G, Hardell L, Ahrens W, Stang A, Merletti F, Gorini G, Aurrekoetxea JJ, Févotte J, Cyr D, Guénel P. Occupational exposure to chlorinated and petroleum solvents and mycosis fungoides. *J Occup Environ Med.* 23887697
- Moreno AB, Ballesta M, Salmerón D, Navarro C, Tormo MJ. Influencia de la doble carga de trabajo en el estado de salud percibida y utilización de servicios sanitarios de las poblaciones inmigrante y autóctona de la región de Murcia. *Rev Esp Salud Pública.* 24100774

- Moreno Iribas C, Izco Goñi N, Etxeberría Andueza J, Delfrade Osinaga J, Floristán Floristán Y. Desigualdades socioeconómicas en la mortalidad en Pamplona y Logroño en el periodo 1996-2007. *An Sist Sanit Navar*. 24008526
- Moreno T, Karanasiou A, Amato F, Lucarelli F, Nava S, Calzolari G, Chiari M, Coz E, Artiñano B, Lumbreras J, Borge R, Boldo E, Linares C, Alastuey A, Querol X, Gibbons W. Daily and hourly sourcing of metallic and mineral dust in urban air contaminated by traffic and coal-burning emissions. *Atmos Environ*. WOS:000315241100005
- Mosqueda R, Castilla Y, Perapoch J, de la Cruz J, López-Maestro M, Pallás C. Staff perceptions on Newborn Individualized Developmental Care and Assessment Program (NIDCAP) during its implementation in two Spanish neonatal units. *Early Hum Dev*. 22854393
- Mosqueda R, Castilla Y, Perapoch J, Lora D, López-Maestro M, Pallás C. Necessary resources and barriers perceived by professionals in the implementation of the NIDCAP. *Early Hum Dev*. 23701747
- Mota N, Parada M, Crego A, Doallo S, Caamaño-Isorna F, Rodríguez Holguín S, Cadaveira F, Corral M. Binge drinking trajectory and neuropsychological functioning among university students: A longitudinal study. *Drug Alcohol Depend*. 23791027
- Muntasell A*, López-Montañés M, Vera A, Heredia G, Romo N, Peñafiel J, Moraru M, Vila JS, Vilches C, López-Botet M. NKG2C zygosity influences CD94/NKG2C receptor function and the NK-cell compartment redistribution in response to human cytomegalovirus. *Eur J Immunol*. 24030638
- Muñoz-Alonso MJ, Álvarez E, Guillén-Navarro MJ, Pollán M, Avilés P, Galmarini CM, Muñoz A. c-Jun N-terminal kinase phosphorylation is a biomarker of plitidepsin activity. *Mar Drugs*. 23697951
- Muñoz-Pareja M, Guallar-Castillón P, Mesas AE, López-García E, Rodríguez Artalejo F. Obesity-Related Eating Behaviors Are Associated with Higher Food Energy Density and Higher Consumption of Sugary and Alcoholic Beverages: A Cross-Sectional Study. *PLoS One*.
- Murillo C, Saurina C. Medida de la importancia de las dimensiones de la satisfacción en la provisión de servicios de salud. *Gaceta Sanitaria*. 23416027
- Murphy N, Norat T, Ferrari P, Jenab M, Bueno-de-Mesquita B, Skeie G, Olsen A, Tjønneland A, Dahm CC, Overvad K, Boutron-Ruault MC, Clavel-Chapelon F, Nailler L, Kaaks R, Teucher B, Boeing H, Bergmann MM, Trichopoulou A, Lagiou P, Trichopoulos D, Palli D, Pala V, Tumino R, Vineis P, Panico S, Peeters PH, Dik VK, Weiderpass E, Lund E, Garcia JR, Zamora-Ros R, Pérez MJ, Dorronsoro M, Navarro C, Ardanaz E, Manjer J, Almquist M, Johansson I, Palmqvist R, Khaw KT, Wareham N, Key TJ, Crowe FL, Fedirko V, Gunter MJ, Riboli E. Consumption of Dairy Products and Colorectal Cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC). *PLoS One*. 24023767
- Nadal R, Ortega FG, Salido M, Lorente JA, Rodríguez-Rivera M, Delgado-Rodríguez M, Macià M, Fernández A, Corominas JM, García-Puche JL, Sánchez-Rovira P, Solé F, Serrano MJ. CD133 expression in circulating tumor cells from breast cancer patients: Potential role in resistance to chemotherapy. *Int J Cancer*. 23661576
- Nair H, Simões EA, Rudan I, Gessner BD, Azziz-Baumgartner E, Zhang JS, Feikin DR, Mackenzie GA, Moisi JC, Roca A, Baggett HC, Zaman SM, Singleton RJ, Lucero MG, Chandran A, Gentile A, Cohen C, Krishnan A, Bhutta ZA, Arguedas A, Clara AW, Andrade AL, Ope M, R. Global and regional burden of hospital admissions for severe acute lower respiratory infections in young children in 2010: a systematic analysis. *Lancet*. 23369797
- Nakash O*, Levav I, Aguilar-Gaxiola S, Alonso J, Andrade LH, Angermeyer MC, Bruffaerts R, Caldas de Almeida JM, Florescu S, de Girolamo G, Gureje O, He Y, Hu Ch, de Jonge P, Karam EG, Kovess-Masfety V, Medina-Mora ME, Moskalewicz J, Murphy S, Nakamura Y, Piazza M, Posada-Villa J, Stein DJ, Taib NI, Zarkov Z, Kessler RC, Scott KM. Comorbidity of common mental disorders with cancer and their treatment gap: Findings from the World Mental Health Surveys. *Psycho-Oncology*. 23983079
- Nasrin, D.; Wu, Y.; Blackwelder, W.C.; Farag, T.H.; Saha, D.; Sow, S.O.; Alonso, P.L.; Breiman, R.F.; Sur, D.; Faruque, A.S.G.; Zaidi, A.K.M.; Biswas, K.; Van Eijk, A.M.; Levine, M.M.; Kotloff, K.L. Healthcare-Seeking for Childhood Diarrhea in Developing Countries: Evidence from Seven Sites in Africa and Asia. *American Journal of Tropical Medicine and Hygiene*. 23629939
- Navarro-Mateu F, Escamez T, Koenen KC, Alonso J, Sanchez-Meca J. Meta-analyses of the 5-HTTLPR polymorphisms and post-traumatic stress disorder. *PLoS One*. 23825531
- Navarro-Mateu F, Morán-Sánchez I, Alonso J, Tormo MA, Pujalte MA, Garriga A, Aguilar-Gaxiola S, Navarro C. Cultural adaptation of the Latin American version of the World Health Organization Composite International Diagnostic Interview (WHO-CIDI) (v 3.0) for use in Spain. *Gac Sanit*. 22842058
- Navarro-Vidal B, Banegas JR, León-Muñoz LM, Rodríguez-Artalejo F, Graciani A. Achievement of cardiometabolic goals among diabetic patients in Spain. A nationwide population-based study. *PLoS One*. 23637851
- Nhampossa, T.; Mandomando, I.; Acacio, S.; Nhalungo, D.; Sacoor, C.; Nhalcolo, A.; Macete, E.; Nhabanga, A.; Quinto, L.; Kotloff, K.; Levine, M.M.; Nasrin, D.; Farag, T.; Bassat, Q.; Alonso, P. Healthcare Use and Attitudes Survey in Cases of Moderate-to-Severe Diarrhea among Children Ages 0-59 Months in the District of Manhica, Southern Mozambique. *American Journal of Tropical Medicine and Hygiene*. 23629927
- Nhampossa, T.; Sigauque, B.; Machevo, S.; Macete, E.; Alonso, P.; Bassat, Q.; Menendez, C.; Fumado, V. Severe malnutrition among children under the age of 5 years admitted to a rural district hospital in southern Mozambique. *Public Health Nutrition*. 23635423
- Nieuwenhuijsen MJ, Davvand P, Grellier J, Martinez D, Vrijheid M. Environmental risk factors of pregnancy outcomes: a summary of recent meta-analyses of epidemiological studies. *Environ health*. 23320899
- Norbäck D, Zock JP, Plana E, Heinrich J, Svanes C, Sunyer J, Künzli N, Villani S, Olivieri M, Soon A, Jarvis D. Mould

- and dampness in dwelling places, and onset of asthma: the population-based cohort ECRHS.. *Occup Environ Med.* 23396522
- Novais A, Vuotto C, Pires J, Montenegro C, Donelli G, Coque TM, Peixe L.. Diversity and biofilm-production ability among isolates of *Escherichia coli* phylogroup D belonging to ST69, ST393 and ST405 clonal groups.. *BMC Microbiol.* 23800205
- Novais C, Freitas AR, Silveira E, Antunes P, Silva R, Coque TM, Peixe L.. Spread of multidrug-resistant *Enterococcus* to animals and humans: an underestimated role for the pig farm environment.. *J Antimicrob Chemother.* 23861310
- Obón-Santacana M, Slimani N, Lujan-Barroso L, Travier N, Hallmans G, Freisling H, Ferrari P, Boutron-Ruault MC, Racine A, Clavel F, Saieva C, Pala V, Tumino R, Mattiello A, Vineis P, Argüelles M, Ardanaz E, Amiano P, Navarro C, Sánchez MJ, Molina Montes E, Key T, Khaw KT, Wareham N, Peeters PH, Trichopoulou A, Bamia C, Trichopoulos D, Boeing H, Kaaks R, Katzke V, Ye W, Sund M, Ericson U, Wirfält E, Overvad K, Tjønneland A, Olsen A, Skeie G, Asli LA, Weiderpass E, Riboli E, Bueno-de-Mesquita HB, Duell EJ.. Dietary intake of acrylamide and pancreatic cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort.. *Ann Oncol.* 23857962
- O'Callaghan-Gordo, C.; Bassat, Q.; Diez-Padriza, N.; Morais, L.; Machevo, S.; Nhampossa, T.; Quinto, L.; Alonso, P.L.; Roca, A.. Lower Respiratory Tract Infections Associated with Rhinovirus during Infancy and Increased Risk of Wheezing during Childhood. A Cohort Study. *PLoS one.* 23935997
- Ogbah Z, Visa L, Badenas C, Ríos J, Puig-Butille JA, Bonifaci N, Guino E, Augé JM, Kolm I, Carrera C, Pujana MA, Malvey J, Puig S.. Serum 25-hydroxyvitamin D3 levels and vitamin D receptor variants in melanoma patients from the Mediterranean area of Barcelona: 25-hydroxyvitamin D3 levels and VDR variants in melanoma patients from Barcelona.. *BMC Med Genet.* 23413917
- Olabarria M, Pérez K, Santamariña-Rubio E, Aragay JM, Capdet M, Peiró R, Rodríguez-Sanz M, Artazcoz L, Borrell C.. Work, family and daily mobility: a new approach to the problem through a mobility survey. *Gac Sanit.* 23122515
- Oliván-Blázquez B, Puebla M, Masluk B, Pérez-Yus MC, Arcega R, Andrés E, López-del-Hoyo Y, Magallon R, Roca M, García-Campayo J.. Evaluation of the efficacy of memantine in the treatment of fibromyalgia: A double-blind randomized controlled trial with 6-month follow-up. *Trials.* 23286311
- Oliveras A, García-Ortiz L, Segura J, Banegas JR, Martell-Claros N, Vigil L, Suarez C, Gomez-Marcos MÁ, Abad-Cardiel M, Vazquez S, de la Cruz JJ, Franklin SS, Ruilope LM, de la Sierra A; PRESCEN Study, Spain.. Association between urinary albumin excretion and both central and peripheral blood pressure in subjects with insulin resistance.. *J Hypertens.* 23137953
- Olmedo-Requena R, Fernández JG, Prieto CA, Moreno JM, Bueno-Cavanillas A, Jiménez-Moleón JJ. Factors associated with a low adherence to a Mediterranean diet pattern in healthy Spanish women before pregnancy. *Public Health Nutr.* 23507495
- Olsson AC, Xu Y, Schüz J, Vlaanderen J, Kromhout H, Vermeulen R, Peters S, Stücker I, Guida F, Brüske I, Wichmann HE, Consonni D, Landi MT, Caporaso N, Tse LA, Yu IT, Siemiatycki J, Richardson L, Mirabelli D, Richiardi L, Simonato L, Gustavsson P, Plato N, Jöckel KH, Ahrens W, Pohlmann H, Tardón A, Zaridze D, Marcus MW, Mannetje A, Pearce N, McLaughlin J, Demers P, Szeszenia-Dabrowska N, Lissowska J, Rudnai P, Fabianova E, Dumitru RS, Bencko V, Foretova L, Janout V, Boffetta P, Fortes C, Bueno-de-Mesquita B, Kendzia B, Behrens T, Pesch B, Brüning T, Straif K. Lung Cancer Risk Among Hairdressers: A Pooled Analysis of Case-Control Studies Conducted Between 1985 and 2010. *Am J Epidemiol.* 24068200
- Ordi, J.; Bergeron, C.; Hardisson, D.; McCluggage, W.G.; Hollema, H.; Felix, A.; Soslow, R.A.; Oliva, E.; Tavassoli, F.A.; Alvarado-Cabrero, I.; Wells, M.; Nogales, F.F.. Reproducibility of current classifications of endometrial endometrioid glandular proliferations: further evidence supporting a simplified classification. *Histopathology.* 24111732
- Orozco-Beltrán D, Ruéscas-Escolano E, Navarro-Palazón AI, Cordero A, Gaubert-Tortosa M, Navarro-Pérez J, Carratalá-Munuera C, Pertusa-Martínez S, Soler-Bahilo E, Brotons-Muntó F, Bort-Cubero J, Nuñez-Martínez MA, Bertomeu-Martínez V, Gil-Guillén VF. Effectiveness of a new health care organization model in primary care for chronic cardiovascular disease patients based on a multifactorial intervention: the PROPRESE randomized controlled trial. *BMC Health Serv Res.* 23915267
- Ortiz-Barreda G, Vives-Cases C.. Legislation on violence against women: overview of key components.. *Rev Panam Salud Publica.* 23440159
- Orueta JF, García-Álvarez A, Alonso-Morán E, Vallejo-Torres L, Nuño-Solinis R. Socioeconomic variation in the burden of chronic conditions and health care provision -- analyzing administrative individual level data from the Basque Country, Spain. *BMC Public Health.* 24053211
- Orueta JF, Nuño-Solinis R, García-Álvarez A, Alonso-Morán E. Prevalence of multimorbidity according to the deprivation level among the elderly in the Basque Country. *BMC Public Health.* 24088559
- Osca-Gelis G, Puig-Vives M, Saez M, Gallardo D, Lloveras N, Marcos-Gragera R. Population-based incidence of myeloid malignancies: fifteen years of epidemiological data in girona province (Spain).. *Haematologica.* 23812933
- Osório NS, Rodrigues F, Gagneux S, Pedrosa J, Pinto-Carbó M, Castro AG, Young D, Comas I, Saraiva M. Evidence for Diversifying Selection in a Set of Mycobacterium tuberculosis Genes in Response to Antibiotic- and Nonantibiotic-Related Pressure.. *Mol Biol Evol.* 23449927
- Otaegui-Arazola A; Amiano P; Elbusto A; Urdaneta E; Martínez-Lage P;. Diet, cognition, and Alzheimer's disease: food for thought. *Eur J Nutr.* 23892520
- Pagán I, Holguín A. Reconstructing the timing and dispersion routes of HIV-1 subtype B epidemics in the Caribbean and Central America: a phylogenetic story. *PLoS One.* 23874917
- Palacín-Marín F, Esteban-Moreno B, Olea N, Herrera-Viedma E, Arroyo-Morales M. Agreement between telerehabilitation

- and face-to-face clinical outcome assessments for low back pain in primary care. *Spine*. 23238489
- Palacio-Vieira JA, Villalonga-Olives E, Valderas JM, Herdman M, Alonso J, Rajmil L. Predictors of the use of healthcare services in children and adolescents in Spain. *Int J Public Health*. 22552748
- Palència L, Espelt A, Cornejo-Ovalle M, Borrell C. Socioeconomic inequalities in the use of dental care services in Europe: what is the role of public coverage?. *Community Dent Oral Epidemiol*. 23786417
- Papadopoulou E, Vafeiadi M, Agramunt S, Basagaña X, Mathianaki K, Karakosta P, Spanaki A, Koutis A, Chatzi L, Vrijheid M, Kogevinas M.. Anogenital distances in newborns and children from Spain and Greece: predictors, tracking and reliability. *Paediatr Perinat Epidemiol*. 23215716
- Papadopoulou E, Vafeiadi M, Agramunt S, Mathianaki K, Karakosta P, Spanaki A, Besselink H, Kiviranta H, Rantakokko P, Sarri K, Koutis A, Chatzi L, Kogevinas M. Maternal diet, prenatal exposure to dioxins and other persistent organic pollutants and anogenital distance in children. *Sci Total Environ*. 23728063
- Paradela C, Pérez-Ríos M, Ruano-Ravina A, Barros-Dios JM. Exposure to environmental tobacco smoke in Chaves after the implementation of the law 37/2007. A cross-sectional study in two healthcare settings. *Rev Port Pneumol*. 23623407
- Pasarín MI, Berra S, González A, Segura A, Tebé C, García-Altés A, Vallverdú I, Starfield B. Evaluation of primary care: The "Primary Care Assessment Tools - Facility version" for the Spanish health system. *Gac Sanit*. 22921943
- Pascal M, Corso M, Chanel O, Declercq C, Badaloni C, Cesaroni G, Henschel S, Meister K, Haluza D, Martín Olmedo P, Medina S, on behalf of the Aphekom group.. Assessing the public health impacts of urban air pollution in 25 European cities: Results of the Aphekom Project. *Sci Total Environ*. 23454700
- Pascual C, Regidor E, Alvarez-Del AD, Alejos B, Santos JM, Calle ME, Martinez D.. Sports facilities in Madrid explain the relationship between neighbourhood economic context and physical inactivity in older people, but not in younger adults: a case study. *J Epidemiol Community Health*. 23794611
- Pascual-Aguilar J, Andreu V, Picó Y. An environmental forensic procedure to analyse anthropogenic pressures of urban origin on surface water of protected coastal agro-environmental wetlands (L'Albufera de Valencia Natural Park, Spain).. *J Hazard Mater*. 23969283
- Pastor-Barriuso R, Ascunce N, Ederra M, Erdozain N, Murillo A, Alés-Martínez JE, Pollán M. Recalibration of the Gail model for predicting invasive breast cancer risk in Spanish women: a population-based cohort study. *Breast Cancer Res Treat*. 23378108
- Pastoret A, Marcos R, Sampayo-Reyes A, Saucedo-Cardenas O, Lozano-Garza GH, Hernandez A. Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1a and HNF4a) as a mechanism of arsenic carcinogenesis. *Arch Toxicol*. 23052196
- Pearce RJ, Ord R, Kaur H, Lupala C, Schellenberg J, Shirima K, Manzi F, Alonso P, Tanner M, Mshinda H, Roper C, Schellenberg D. A community-randomised evaluation of the effect of IPTi on anti-malarial drug resistance in southern Tanzania. *J Infect Dis*. 23225897
- Pedersen M, Siroux V, Pin I, Charles MA, Forhan A, Hulin A, Galineau J, Lepeule J, Giorgis-Allemand L, Sunyer J, Annesi-Maesano I, Slama R. Does consideration of larger study areas yield more accurate estimates of air pollution health effects? An illustration of the bias-variance trade-off in air pollution epidemiology. *Environ Int*. 23994839
- Pedersen, Marie; Schoket, Bernadette; Godschalk, Roger W; Wright, John; von Stedingk, Hans; Tornqvist, Margareta; Sunyer, Jordi; Nielsen, Jeanette K; Merlo, Domenico F; Mendez, Michelle A; Meltzer, Helle M; Lukacs, Viktoria; Landstrom, Anette; Kyrtopoulos, Soterios A; Kovacs, Katalin; Knudsen, Lisbeth E; Haugen, Margaretha; Hardie, Laura J; Gutzkow, Kristine B; Fleming, Sarah; Fthenou, Eleni; Farmer, Peter B; Espinosa, Aina; Chatzi, Leda; Brunborg, Gunnar; Brady, Nigel J; Botsivali, Maria; Arab, Khelifa; Anna, Livia; Alexander, Jan; Agramunt, Silvia; Kleinjans, Jos C; Segerback, Dan; Kogevinas, Manolis. Bulky DNA Adducts in Cord Blood, Maternal Fruit-and-Vegetable Consumption, and Birth Weight in a European Mother-Child Study (NewGeneris).. *Environmental health perspectives*.
- Pedrol MT, Tolosana M, Soler MT, Taló M, Godoy P.. The prevalence of exposure of children under the age of 18 to second-hand smoke inside motor vehicles. *An Pediatr (Barc)*. 23608016
- Pennington L, Virella D, Mjøen T, da Graça Andrada M, Murray J, Colver A, Himmelmann K, Rackauskaite G, Greitane A, Prasauskiene A, Andersen G, de la Cruz J. Development of The Viking Speech Scale to classify the speech of children with cerebral palsy. *Res Dev Disabil*. 23891732
- Perales J, Olaya B, Fernandez A, Alonso J, Vilagut G, Forero CG, San L, Alda JA, Haro JM. Association of childhood adversities with the first onset of mental disorders in Spain: results from the ESEMeD project. *Soc Psychiatry Psychiatr Epidemiol*. 22872358
- Pérez G, Ruiz-Muñoz D, Gotsens M, Cases MC, Rodríguez-Sanz M.. Social and economic inequalities in induced abortion in Spain as a function of individual and contextual factors.. *Eur J Public Health*. 23902666
- Pérez Jarauta MJ, Echauri Ozcoidi, M. Educación versus coerción. Una apuesta decidida por la educación para la salud. *Gac Sanit*.. 23200769
- Perez L, Declercq C, Iñiguez C, Aguilera I, Badaloni C, Ballester F, Bouland C, Chanel O, Cirarda F, Forastiere F, Forsberg B, Haluza D, Hedlund B, Cambra K, Lacasaña M, Moshammer H, Otorepec P, Rodríguez-Barranco M, Medina S, Künzli N. Chronic burden of near-roadway traffic pollution in 10 European cities (APHEKOM network).. *Eur Resp J*. 23520318
- Pérez-Brocá V, Latorre A, Moya A. Symbionts and Pathogens: What is the Difference?. *Current topics in microbiology and immunology*. 22076025

- Pérez-Gómez B, Pastor-Barruso R, Cervantes-Amat M, Esteban M, Ruiz-Moraga M, Aragonés N, Pollán M, Navarro C, Calvo E, Román J, López-Abente G, Castaño A; BIOAMBIENT. BIOAMBIENT.ES study protocol: rationale and design of a cross-sectional human biomonitoring survey in Spain. *Environ Sci Pollut Res Int.* 23184128
- Pérez-Moreno MO, Picó-Plana E, de Toro M, Grande-Armas J, Quiles-Fortuny V, Pons MJ, Gomes C, Sáenz Y, Torres C, Ruiz J. beta-Lactamases, transferable quinolone resistance determinants, and class 1 integron-mediated antimicrobial resistance in human clinical *Salmonella enterica* isolates of non-Typhimurium serotypes. *Int J Med Microbiol.* 23273534
- Pérez-Ríos M, Santiago-Pérez MI, Malvar A, Jesús García M, Seoane B, Suanzes J, Hervada X Impact of the Spanish smoking laws on the exposure to environmental tobacco smoke in Galicia (2005-2011). *Gac Sanit.* 23768560
- Pérez-Ríos M, Schiaffino A, López MJ, Nebot M, Galán I, Fu M, Martínez-Sánchez JM, Moncada A, Montes A, Ariza C, Fernández E.. Questionnaire-based second-hand smoke assessment in adults. *Eur J Public Health.* 22683770
- Permanyer-Miralda G, Adam P, Guillamón I, Solans-Domènech M, Pons JM.. Characteristics of Spanish articles of scientific quality cited in clinical practice guidelines on mental health. *Rev Psiquiat Salud Ment (Barc).* 23395541
- Permanyer-Miralda G, Adam P, Guillamón I, Solans-Domènech M, Pons JM. Características de artículos españoles de «calidad científica» citados en las guías de práctica clínica en salud mental. *Rev Psiquiatr Salud Ment.*
- Perrotta C, Kleefeld S, Staines A, Tewari P, De Roos AJ, Baris D, Birmann B, Chiu B, Cozen W, Becker N, Foretova L, Maynadié M, Nieters A, de Sanjosé S, Miligi L, Seniori Costantini A, Purdue M, Spinelli J, Cocco P.. Multiple myeloma and occupation: A pooled analysis by the International Multiple Myeloma Consortium. *Cancer Epidemiol.* 23403129
- Pesch B, Gawrych K, Rabstein S, Weiss T, Casjens S, Rihs HP, Ding H, Angerer J, Illig T, Klopp N, Bueno-de-Mesquita HB, Ros MM, Kaaks R, Chang-Claude J, Roswall N, Tjonneland A, Overvad K, Clavel-Chapelon F, Boutron-Ruault MC, Dossus L, Boeing H, Weikert S, Trichopoulos D, Palli D, Sieri S, Tumino R, Panico S, Quiros JR, Gonzalez CA, Sanchez MJ, Dorronsoro M, Navarro C, Barricarte A, Ljungberg B, Johansson M, Ulmert D, Ehrnstrom R, Khaw KT, Wareham N, Key TJ, Ferrari P, Romieu I, Riboli E, Bruning T, Vineis P. NAT2 acetylator phenotype, occupation and bladder cancer risk: Results from the EPIC cohort. *Cancer Epidemiol Biomarkers Prev.* 24092628
- Picó, Y. Ultrasound-assisted extraction for food and environmental samples. *TrAC- trends in analytical chemistry.* WOS:000316164500016
- Picó, Y.; Ramos, L. Special Issue Highlights in Sample Preparation (for Food and Environmental Analysis). *TrAC- trends in analytical chemistry.* WOS:000316164500009
- Pina JM, Clotet L, Ferrer A, Sala MR, Garrido P, Salleras L, Domínguez A. Cost-effectiveness of rifampin for 4 months and isoniazid for 6 months in the treatment of tuberculosis infection. *Respir Med.* 23490222
- Pina JM, Clotet L, Ferrer A, Sala MR, Garrido P, Salleras L, Domínguez A. Cost-effectiveness of rifampin for 4 months and isoniazid for 9 months in the treatment of tuberculosis infection. *Eur J Clin Microbiol Infect Dis.* 23238684
- Pinto-Meza A, Moneta MV, Alonso J, Angermeyer MC, Bruffaerts R, Caldas de Almeida JM, de Girolamo G, de Graaf R, Florescu S, Kovess Masfety V, O'Neill S, Vassilev S, Haro JM. Social inequalities in mental health: results from the EU contribution to the World Mental Health Surveys Initiative. *Soc Psychiatry Psychiatr Epidemiol.* 23011445
- Plans P.. New preventive strategy to eliminate measles, mumps and rubella from Europe based on the serological assessment of herd immunity levels in the population. *Eur J Clin Microbiol Infect Dis.* 23417624
- Plans-Rubió P.. The vaccination coverage required to establish herd immunity against influenza viruses. *Prev Med.* 22414740
- Podlekareva DN, Grint D, Post FA, Mcroft A, Pantelev AM, Miller RF, Miro JM, Bruyand M, Furrer H, Riekstina V, Girardi E, Losso MH, Caylá JA, Malashenkov EA, Obel N, Skrahina AM, Lundgren JD, Kirk O; HIV-TB Study Group.. Health care index score and risk of death following tuberculosis diagnosis in HIV-positive patients. *Int J Tuberc Lung Dis.* 23317955
- Podlekareva DN, Pantelev AM, Grint D, Post FA, Miro JM, Bruyand M, Furrer H, Obel N, Girardi E, Vasilenko A, Losso MH, Arenas-Pinto A, Caylá J, Rakhmanova A, Zeltina I, Werlinrud AM, Lundgren JD, Mcroft A, Kirk O. Short and long term mortality and causes of death in HIV/TB patients in Europe. *Eur Respir J.* 23766333
- Pollán M, Ascunce N, Ederra M, Murillo A, Erdozáin N, Alés-Martínez JE, Pastor-Barruso R. Mammographic density and risk of breast cancer according to tumor characteristics and mode of detection: a Spanish population-based case-control study. *Breast Cancer Res.* 23360535
- Pomocino L, Romito P, Escribà-Agüir V. Est-ce que je peux choisir?. Violence contre les femmes et décisions reproductives. *Nouvelles Questions Féministes.*
- Pons JM, Rodés J, Andreu A, Arenas J. [The forgotten clinical investigation]. *Med Clin (Barc).* 23246173
- Pons, M.J.; Gomes, C.; Martínez-Puchol, S.; Ruiz, L.; Mensa, L.; Vila, J.; Gascon, J.; Ruiz, J. Antimicrobial resistance in *Shigella* spp. causing traveller's diarrhoea (1995-2010): A retrospective analysis. *Travel medicine and infectious disease.* 23886737
- Porta, Miquel; Vandenbroucke, Jan P.; Ioannidis, John P. A.; Sanz, Sergio; Fernandez, Esteve; Bhopal, Raj; Morabia, Alfredo; Vitoria, Cesar; Lopez, Tomas. Trends in Citations to Books on Epidemiological and Statistical Methods in the Biomedical Literature. *PLoS One.* 23667447
- Portillo I, Idígoras I, Ojembarrena E, Arana-Arri E, Zubero MB, Pijoán JI, López Urrutia A, Marqués ML.. Main results of the colorectal cancer screening program in the Basque Country (Spain). *Gac Sanit.* 23416028
- Puig-Barrachina V, Vanroelen C, Vives A, Martínez JM, Muntaner C, Levecque K, Benach J, Louchk F. Measuring employment precariousness in the European working conditions survey: The social distribution in Europe. *Work.* 23803435
- Puig-Vives M, Sánchez MJ, Sánchez-Cantalejo J, Torrella-Ramos A, Martos C, Ardanaz E, Chirlaque MD, Perucha J, Díaz JM, Mateos A, Machón M, Marcos-Gragera R.. Distribution and prognosis of molecular breast cancer subtypes defined

- by immunohistochemical biomarkers in a Spanish population-based study.. *Gynecol Oncol.* 23747837
- Qureshi A, Collazos F, Sobradie N, Eiroa-Orosa FJ, Febrel M, Revollo-Escudero HW, Andrés E, del Mar Ramos M, Roca M, Casas M, Serrano-Blanco A, Escobar JJ, García-Campayo J. Epidemiology of psychiatric morbidity among migrants compared to native born population in Spain: a controlled study.. *Gen Hosp Psychiatry.* 23200696
- Raaschou-Nielsen O; Andersen ZJ; Beelen R; Samoli E; Stafoggia M; Weinmayr G; Hoffmann B; Fischer P; Nieuwenhuijsen MJ; Brunekreef B; Xun WW; Katsouyanni K; Dimakopoulou K; Sommar J; Forsberg B; Modig L; Oudin A; Oftedal B; Schwarze PE; Nafstad P; De FU; Pedersen NL; Ostenson CG; Fratiglioni L; Penell J; Korek M; Pershagen G; Eriksen KT; Sorensen M; Tjonneland A; Ellermann T; Eeftens M; Peeters PH; Meliefste K; Wang M; Bueno-de-Mesquita B; Key TJ; de HK; Concin H; Nagel G; Vilier A; Gironi S; Krogh V; Tsai MY; Ricceri F; Sacerdote C; Galassi C; Migliore E; Ranzi A; Cesaroni G; Badaloni C; Forastiere F; Tamayo I; Amiano P; Dorronsoro M; Trichopoulos A; Bamia C; Vineis P; Hoek G; Air pollution and lung cancer incidence in 17 European cohorts: prospective analyses from the European Study of Cohorts for Air Pollution Effects (ESCAPE). *Lancet Oncol.* 23849838
- Rajmil L*, Herdman M, Ravens-Sieberer U, Erhart M, Alonso J, The European KIDSCREEN group. Socioeconomic inequalities in mental health and health-related quality of life (HRQL) in children and adolescents from 11 European countries. *Int J Public Health.* 23793782
- Rajmil L*, López AR, López-Aguilá S, Alonso J. Parent-child agreement on health-related quality of life (HRQL): A longitudinal study. *Health Qual Life Outcomes.* 23786901
- Ramada JM, Serra C, Amick III BC, Castaño JR, Delclos GL. Cross-cultural adaptation of the Work Role Functioning Questionnaire to Spanish spoken in Spain. *J Occup Rehabil.* 23358808
- Ramada-Rodilla JM, Serra-Pujadas C, Delclós-Clanchet GL. Traducción, adaptación cultural y validación de cuestionarios en salud laboral: revisión y recomendaciones metodológicas. *Salud Publica Mex.* 23370259
- Ramírez E, Abaira V, Guerra P, Borobia AM, Duque B, López JL, Mosquera B, Lubomirov R, Carcas AJ, Frías J. A preliminary model to avoid the overestimation of sample size in bioequivalence studies. *Drug Res (Stuttg).* 23427051
- Ramos M, Trujillano D, Olivar R, Sotillo F, Ossowski S, Manzanares J, Costa J, Gartner S, Oliva C, Quintana E, Gonzalez M, Vazquez C, Estivill X, Casals T. Extensive sequence analysis of CFTR, SCNN1A, SCNN1B, SCNN1G and SERPINA1 suggests an oligogenic basis for cystic fibrosis-like phenotypes.. *Clin Genet.* 23837941
- Ramos P, Pasarín MI, Artazcoz L, Díez E, Juárez O, González I.. Healthy and participative schools: evaluation of a public health strategy. *Gac Sanit.* 22626616
- Ramos R, Freire C, Julvez J, Fernández MF, García-Esteban R, Torrent M, Sunyer J, Olea N. Association of ADHD symptoms and social competence with cognitive status in preschoolers. *Eur Child Adolesc Psychiatry.* 23064998
- Rava M, Tares L, Lavi I, Barreiro E, Zock JP, Ferrer A, Muniozuren N, Nadif R, Cazzoletti L, Kauffmann F, Anto JM, Guerra S.. Serum levels of Clara cell secretory protein, asthma, and lung function in the adult general population. *J Allergy Clin Immunol.* 23473837
- Rebagliato M, Murcia M, Alvarez-Pedrerol M, Espada M, Fernández-Somoano A, Lertxundi N, Navarrete-Muñoz EM, Fornis J, Aranbarri A, Llop S, Julvez J, Tardón A, Ballester F. Iodine Supplementation During Pregnancy and Infant Neuropsychological Development: INMA Mother and Child Cohort Study. *Am J Epidemiol.* 23548753
- Rebagliato M, Vioque J, Arribas JJ. Iodine supplements during and after pregnancy. *JAMA.* 23549574
- Regidor E, Barrio G, Bravo MJ, de la Fuente L.. Has health in Spain been declining since the economic crisis?. *J Epidemiol Community Health.* 24153246
- Reiner GN, Delgado-Marín L, Olgún N, Sánchez-Redondo S, Sánchez-Borzzone M, Rodríguez-Farré E, Suñol C, García DA. Gabaergic Pharmacological Activity of Propofol Related Compounds as Possible Enhancers of General Anesthetics and Interaction with Membranes. *Cell Biochem Biophys.* 23456454
- Renart G, Saez M, Saurina C, Marcos-Gragera R, Ocaña-Riola R, Martos C, Barceló MA, Arribas F, Alcalá T.. A common error in the ecological regression of cancer incidence on the deprivation index.. *Rev Panam Salud Publica.* 24096972
- Revez L, Sangalang S, Glujovsky D, Pinzon CE, Asenjo Lobos C, Cortes M, Cañón M, Bardach A, Bonfill X. Characteristics of randomized trials published in Latin America and the Caribbean according to funding source. *PLoS ONE.* 23418566
- Reyes M, Díaz J, Tobias A, Montero JC, Linares C.. Impact of Saharan dust particles on hospital admissions in Madrid (Spain). *Int J Environ Health Res.* 23544440
- Reyes Ureña JM, Burón Pust A, Sala Serra M, Serra Pujadas C, Diaconu A, Macià F. Evolución del consumo de tabaco en trabajadores de un hospital de Cataluña. *Rev. Esp Salud Publica.* 24100778
- Reyes-Urueña JM, de Olalla PG, Perez-Hoyos S, Caylá JA. Time series analysis comparing mandatory and voluntary notification of newly diagnosed HIV infections in a city with a concentrated epidemic.. *BMC Public Health.* 23587052
- Ricci-Cabello I, Olry de Labry Lima A, Bolívar-Muñoz J, Pastor-Moreno G, Bermudez-Tamayo C, Ruiz-Pérez I, Quesada-Jiménez F, Moratalla-López E, Domínguez-Martín S, de Los Ríos-Álvarez AM, Cruz-Vela P, Prados-Quel MA, López-De Hierro JA. Effectiveness of two interventions based on improving patient-practitioner communication on diabetes self-management in patients with low educational level: study protocol of a clustered randomized trial in primary care. *BMC Health Serv Res.* 24153053
- Ricci-Cabello I, Ruiz-Pérez I, Nevot-Cordero A, Rodríguez-Barranco M, Sordo L, Gonçalves DC. Health Care Interventions to Improve the Quality of Diabetes Care in African Americans: A systematic review and meta-analysis. *Diabetes Care.* 23431094

- Ríos R, González-Silva M, Molina E, García-Fernández JR, Clavero ME, Durán JM, López-Berenguel F, Romero MM, Jiménez-Moleón JJ, Sánchez MJ, Sáinz J, Jurado M.. The impact of the type of hospital on survival of multiple myeloma patients: The MICORE study. *Rev Clin Esp.* 23562426
- Ripoll A, Galán JC, Rodríguez C, Tormo N, Gimeno C, Baquero F, Martínez-Martínez L, Cantón R; SEIMC Quality Control Study Group. Detection of Resistance to Beta-Lactamase Inhibitors in Strains with CTX-M beta-Lactamases: a Multicenter External Proficiency Study Using a Well-Defined Collection of Escherichia coli Strains. *J Clin Microbiol.* 24153133
- Ritte R, Lukanova A, Tjønneland A, Olsen A, Overvad K, Mesrine S, Fagherazzi G, Dossus L, Teucher B, Steindorf K, Boeing H, Aleksandrova K, Trichopoulou A, Lagiou P, Trichopoulos D, Palli D, Gioni S, Mattiello A, Tumino R, Sacerdote C, Quirós JR, Buckland. Height, age at menarche and risk of hormone receptor-positive and -negative breast cancer: A cohort study. *Int J Cancer.* 23090881
- Rius A, Artazcoz L, Guisasaola L, Benach J.. Visual Impairment and Blindness in Spanish Adults: Geographic Inequalities Are Not Explained by Age or Education. *Ophthalmology.* 24053998
- Rivera M, Basagaña X, Aguilera I, Foraster M, Agis D, de Groot E, Perez L, Mendez MA, Bouso L, Targa J, Ramos R, Sala J, Marrugat J, Elosua R, Künzli N. Association between long-term exposure to traffic-related air pollution and subclinical atherosclerosis: the REGICOR Study. *Env Health Perspect.* . 23384708
- Rivera, F.P.; Medina, A.M.; Aldasoro, E.; Sangil, A.; Gascon, J.; Ochoa, T.J.; Vila, J.; Ruiz, J. Genotypic characterization of enterotoxigenic Escherichia coli strains causing traveler's diarrhea. *Journal of Clinical Microbiology.* 23224092
- Rivero A, Pulido F, Caylá J, Iribarren JA, Miró JM, Moreno S, Pérez-Camacho I; por el Grupo de Estudio de Sida (GESIDA).. Recommendations for the treatment of tuberculosis in HIV-infected individuals (Updated January 2013). *Enferm Infecc Microbiol Clin.* 23541879
- Robles C, Viscidi R, Malats N, Silverman DT, Tardon A, Garcia-Closas R, Serra C, Carrato A, Herranz J, Lloreta J, Rothman N, Real FX, de Sanjose S, Kogevinas M.. Bladder cancer and seroreactivity to BK, JC and merkel cell polyomaviruses: The spanish bladder cancer study. *Int J Cancer.* 23355322
- Rocha KB*, Perez K, Rodriguez-Sanz M, Alonso J, Muntaner C, Borrell C. Inequalities in the use of psychiatric services in Spain: A multilevel study. *Psychiatric Serv.* 23771344
- Rocha KB, Muntaner C, González Rodríguez MJ, Baksai PB, Vallebuona C, Borrell C, Solar O. Social class, health inequalities, and health-related behaviors of working people in Chile. *Rev Panam Salud Publica.* 23764665
- Rocha KB, Rodríguez-Sanz M, Pérez K, Obiols JE, Borrell C.. Utilization of Psychiatric and Psychological Services in Catalonia: A Multilevel Approach. *Adm Policy Ment Health.* 22688959
- Rodríguez M, Monedero I, Caminero JA, Encarnación M, Domínguez Y, Acosta I, Muñoz E, Camilo E, Martínez-Selmo S, de los Santos S, del Granado M, Casals M, Cayla J, Marcelino B. Successful management of multidrug-resistant tuberculosis under programme conditions in the Dominican Republic. *Int J Tuberc Lung Dis.* 23485386
- Rodríguez-Artalejo F. Strengthening Primordial and Primary Prevention of Cardiovascular Disease to Increase Life Expectancy. *Rev Esp Cardiol.* . 23998454
- Rodríguez-Barranco M, Lacasaña M, Aguilar-Garduño C, Alguacil J, Gil F, González-Alzaga B, Rojas-García A.. Association of arsenic, cadmium and manganese exposure with neurodevelopment and behavioural disorders in children: A systematic review and meta-analysis. *Sci Total Environ.* 23570911
- Rodríguez-Bernal CL, Ramon R, Quiles J, Murcia M, Navarrete-Muñoz EM, Vioque J, Ballester F, Rebagliato M.. Dietary intake in pregnant women in a Spanish Mediterranean area. As good as it is supposed to be? - ERRATUM. *Public Health Nutr.* 23425782
- Rodríguez-Domínguez M, Puerta T, Menéndez B, González-Alba JM, Rodríguez C, Hellín T, Vera M, González-Sainz FJ, Clavo P, Villa M, Cantón R, Del Romero J, Galán JC. Clinical and epidemiological characterization of a lymphogranuloma venereum outbreak in Madrid, Spain: co-circulation of two variants.. *Clin Microbiol Infect.* 23730727
- Rodríguez-Domínguez M, Sanbonmatsu S, Salinas J, Alonso R, Gutiérrez J, Galán JC. [Microbiological diagnosis of infections due to Chlamydia spp. and related species.]. *Enferm Infecc Microbiol Clin.* 23523029
- Rodríguez-Fonseca M, Palència L, Marí-Dell'olmo M, Gandarillas A, Domínguez-Berjón MF, Gotsens M, Rodríguez-Sanz M, Borrell C.. Evolution of socio-economic inequalities in mortality in small geographical areas of the two largest cities in Spain (Barcelona and Madrid), 1996-2007. *Public Health.* 24075199
- Rodríguez-Manfredi, A.; Alonso, I.; Del Pino, M.; Fuste, P.; Torne, A.; Ordi, J.. Predictors of absence of cervical intraepithelial neoplasia in the conization specimen. *Gynecologic Oncology.* 23116936
- Rodríguez-Moranta F, Lobatón T, Rodríguez-Alonso L, Guardiola J. [Fecal calprotectin in the diagnosis of inflammatory bowel diseases.]. *Gastroenterol Hepatol.* 23434080
- Rodríguez-Moranta F, Lobatón T, Rodríguez-Alonso L, Guardiola J. [Hyperplastic polyposis syndrome: phenotypic diversity and association to colorectal cancer].. *Med Clin (Barc).* 22809968
- Rodríguez-Poncelas A, Garre-Olmo J, Franch-Nadal J, Díez-Espino J, Mundet-Tuduri X, Barrot-De la Puente J, Coll-de Tuero G; RedGDPS Study Group.. Prevalence of chronic kidney disease in patients with type 2 diabetes in Spain: PERCEDIME2 study. *BMC Nephrol.* 23433046
- Rodríguez-Revenga L, Madrugal I, Blanch-Rubió J, Elurbe DM, Docampo E, Collado A, Vidal J, Carbonell J, Estivill X, Mila M. Screening for the presence of FMR1 premutation alleles in women with fibromyalgia. *Gene.* 23111161
- Rodríguez-Salés V, Roura E, Ibáñez R, Peris M, Bosch FX, Coma EE, Silvia de Sanjosé. [Coverage of cervical cancer screening in Catalonia, Spain (2008-2011).]. *Gac Sanit.* 23916983

- Rohrmann S, Linseisen J, Allen N, Bueno-de-Mesquita HB, Johnsen NF, Tjønneland A, Overvad K, Kaaks R, Teucher B, Boeing H, Pischon T, Lagiou P, Trichopoulou A, Trichopoulos D, Palli D, Krogh V, Tumino R, Ricceri F, Argüelles Suárez MV, Agudo A, Sánchez MJ. Smoking and the risk of prostate cancer in the European Prospective Investigation into Cancer and Nutrition. *Br J Cancer*. 23169298
- Rohrmann S, Linseisen J, Nöthlings U, Overvad K, Egeberg R, Tjønneland A, Boutron-Ruault MC, Clavel-Chapelon F, Cottet V, Pala V, Tumino R, Palli D, Panico S, Vineis P, Boeing H, Pischon T, Grote V, Teucher B, Khaw KT, Wareham NJ, Crowe FL, Goufa I, Orfanos. Meat and fish consumption and risk of pancreatic cancer: Results from the European Prospective Investigation into Cancer and Nutrition. *Int J Cancer*. 22610753
- Rohrmann S, Overvad K, Bueno-de-Mesquita HB, Jakobsen MU, Egeberg R, Tjønneland A, Nailler L, Boutron-Ruault MC, Clavel-Chapelon F, Krogh V, Palli D, Panico S, Tumino R, Ricceri F, Bergmann MM, Boeing H, Li K, Kaaks R, Khaw KT, Wareham NJ, Crowe FL, Key TJ. Meat consumption and mortality--results from the European Prospective Investigation into Cancer and Nutrition. *BMC Med*. 23497300
- Romero-Farina G, Candell-Riera J, Aguadé-Bruix S, Cuberas-Borrós G, Ferreira-González I, Nazarena Pizzi M, de León G, Santos A, García-Dorado D. Predictive variables for hard cardiac events and coronary revascularization in patients with normal left ventricular myocardial perfusion and systolic function. *Eur J Nucl Med Mol Imaging*. 23674208
- Romito P, Beltramini L, Escribà-Agüir V. Intimate partner violence and mental health among Italian adolescents: gender similarities and differences. *Violence Against Women*. 23363657
- Ronda E, Agudelo-Suárez AA, García AM, López-Jacob MJ, Ruiz-Frutos C, Benavides FG. Differences in exposure to occupational health risks in Spanish and foreign-born workers in Spain (ITSAL project). *J Immigr Minor Health*. 22739799
- Rondy M, Puig-Barbera J, Launay O, Duval X, Castilla J, Guevara M, Costanzo S, de Gaetano Donati K, Moren A. 2011–12 Seasonal Influenza Vaccines Effectiveness against Confirmed A(H3N2) Influenza Hospitalisation: Pooled Analysis from a European Network of Hospitals. A Pilot Study. *PLoS ONE*. 23565159
- Roque F, Soares S, Breitenfeld L, López-Durán A, Figueiras A, Herdeiro MT. Attitudes of community pharmacists to antibiotic dispensing and microbial resistance: a qualitative study in Portugal. *Int J Clin Pharm*. 23397322
- Roque M, Lattes K, Serra S, Solà I, Geber S, Carreras R, Checa MA. Fresh embryo transfer versus frozen embryo transfer in in vitro fertilization cycles: a systematic review and meta-analysis. *Fertil Steril*. 23040524
- Roqué M, Salvà A, Vellas B. Malnutrition in Community-Dwelling Adults with Dementia (NutriAlz Trial). *J Nutr Health Aging*. 23538648
- Rose G, Cortes T, Comas I, Coscolla M, Gagneux S, Young DB. Mapping of Genotype-Phenotype Diversity among Clinical Isolates of *Mycobacterium tuberculosis* by Sequence-Based Transcriptional Profiling. *Genome Biology and Evolution*. 24115728
- Rovira MA, Grau M, Castañer O, Covas MI, Schröder H; REGICOR Investigators. Dietary Supplement Use and Health-Related Behaviors in a Mediterranean Population. *J Nutr Educ Behav*. 23219356
- Rovira-Vallbona, E.; Monteiro, I.; Bardaji, A.; Serra-Casas, E.; Neafsey, D.E.; Quelhas, D.; Valim, C.; Alonso, P.; Dobano, C.; Ordi, J.; Menendez, C.; Mayor, A.. VAR2CSA Signatures of High Plasmodium falciparum Parasitemia in the Placenta. *PLoS one*. 23936092
- Ruano-Ravina A, Aldama-López G, Cid-Álvarez B, Piñón-Esteban P, López-Otero D, Calviño-Santos R, Ocaranza-Sánchez R, Vázquez-González N, Trillo-Nouche R, López-Pardo E. Radial vs Femoral Access After Percutaneous Coronary Intervention for ST-segment Elevation Myocardial Infarction. Thirty-day and One-year Mortality Results. *Rev Esp Cardiol*. 24041809
- Ruiz Pérez I, Rodríguez Madrid MN, Plazaola Castaño J, Montero I, Escribà-Agüir V, Márquez Herrera N, Sanz Peregrín C, Nevot Cordero A. Inhibiting and Facilitating Factors to End a Violent Relationship: Patterns of Behavior Among Women in Spain. *Violence and Victims*.
- Ruiz-Castell M, Carsin AE, Barbieri FL, Paco P, Gardon J, Sunyer J. Child patterns of growth delay and cognitive development in a bolivian mining city. *Am J Hum Biol*. 23132674
- Ruiz-Garbajosa P, Curiao T, Tato M, Gijón D, Pintado V, Valverde A, Baquero F, Morosini MI, Coque TM, Cantón R. Multiclonal dispersal of KPC genes following the emergence of non-ST258 KPC-producing *Klebsiella pneumoniae* clones in Madrid, Spain. *J Antimicrob Chemother*. 23788480
- Ruiz-Muñoz D, Pérez G. Women's socioeconomic factors associated to the choice of contraceptive method in Spain. *Gac Sanit*. 22749130
- Ruiz-Muñoz D, Wellings K, Castellanos-Torres E, Alvarez-Dardet C, Casals-Cases M, Pérez G. Sexual health and socioeconomic-related factors in Spain. *Ann Epidemiol*. 23932068
- Rzehak P, Wijga AH, Keil T, Eller E, Bindslev-Jensen C, Smit HA, Weyler J, Dom S, Sunyer J, Mendez M, Torrent M, Vall O, Bauer CP, Berdel D, Schaaf B, Chen CM, Bergström A, Fantini MP, Mommers M, Wahn U, Lau S, Heinrich J; working group of GA(2)LEN-WP 1. Body mass index trajectory classes and incident asthma in childhood: Results from 8 European Birth Cohorts-a Global Allergy and Asthma European Network initiative. *J Allergy Clin Immunol*. 23403049
- Saberi Hosnijeh F, Christopher Y, Peeters P, Romieu I, Xun W, Riboli E, Raaschou-Nielsen O, Tjønneland A, Becker N, Nieters A, Trichopoulou A, Bamia C, Orfanos P, Oddone E, Luján-Barroso L, Dorransoro M, Navarro C, Barricarte A, Molina-Montes E, Wareham N, Vineis P, Vermeulen R. Occupation and risk of lymphoid and myeloid leukaemia in the European Prospective Investigation into Cancer and Nutrition (EPIC). *Occup Environ Med*. 23576671

- Saberi Hosnijeh F, Romieu I, Gallo V, Riboli E, Tjønneland A, Halkjær J, Fagherazzi G, Clavel-Chapelon F, Dossus L, Lukanova A, Kaaks R, Trichopoulou A, Lagiou P, Katsoulis M, Panico S, Tagliabue G, Bonet C, Dorransoro M, Huerta JM, Ardanaz E, Sánchez MJ, Jo. Anthropometric characteristics and risk of lymphoid and myeloid leukemia in the European Prospective Investigation into Cancer and Nutrition (EPIC) Cancer Causes Control. 23288400
- Sailani MR, Makrythanasis P, Valsesia A, Santoni FA, Deutsch S, Popadin K, Borel C, Migliavacca E, Sharp AJ, Duriaux Sail G, Falconnet E, Rabionet K, Serra-Juhé C, Vicari S, Laux D, Grattau Y, Dembour G, Megarbane A, Touraine R, Stora S, Kitsiou S, Fryssira H, Chatzisevastou-Loukidou C, Kanavakis E, Merla G, Bonnet D, Pérez-Jurado LA, Estivill X, Delabar JM, Antonarakis SE. The complex SNP and CNV genetic architecture of the increased risk of congenital heart defects in Down syndrome.. GENOME RES. 23783273
- Sainz T, Serrano-Villar S, Díaz L, González Tomé MI, Gurbindo MD, de José MI, Mellado MJ, Ramos JT, Zamora J, Moreno S, Muñoz-Fernández MA. The CD4/CD8 ratio as a marker T-cell activation, senescence and activation/exhaustion in treated HIV-infected children and young adults.. AIDS. 23435292
- Sala , M.; Torres, T.; Márquez, D.; Muñoz, M.P. DETERMINANTS OF ASYMMETRY IN THE CYCLICAL FLUCTUATIONS BETWEEN CEECs AND EURO AREA. REV. ECON MUND. WOS:000307207700009
- Salamanca A, Fernández-Salmerón P, Beltrán E, Mendoza N, Florido J, Mozas J.. Early embryonic morphology sonographically assessed and its correlation with yolk sac in missed abortion. Arch Gynecol Obstet. 22875048
- Salas LA, Cantor KP, Tardon A, Serra C, Carrato A, Garcia-Closas R, Rothman N, Malats N, Silverman D, Kogevinas M, Villanueva CM.. Biological and statistical approaches for modeling exposure to specific trihalomethanes and bladder cancer risk. . Am J Epidemiol. 23648803
- Salleras L, Navas E, Torner N, Prat AA, Garrido P, Soldevila N, Domínguez A. Economic benefits of inactivated influenza vaccines in the prevention of seasonal influenza in children. Hum Vaccin. 23295894
- Salmerón D, Cirera L, Ballesta M, Navarro-Mateu F.. Time trends and geographical variations in mortality due to suicide and causes of undetermined intent in Spain, 1991-2008. J Public Health. 23292090
- Saludes V, Bascuñana E, Jordana-Lluch E, Casanovas S, Ardèvol M, Soler E, Planas R, Ausina V, Martró E. Relevance of baseline viral genetic heterogeneity and host factors for treatment outcome prediction in hepatitis C virus 1b-infected patients.. PLoS One. 24015264
- Saludes V, Esteve M, Casas I, Ausina V, Martró E.. Hepatitis C virus transmission during colonoscopy evidenced by phylogenetic analysis. J Clin Virol. 23567025
- Saludes, Verónica; González-Candelas, Fernando; Planas, Ramon; Solà, Ricard; Ausina, Vicente; Martró, Elisa. Evolutionary dynamics of the E1-E2 viral populations during combination therapy in non-responder patients chronically infected by hepatitis C virus subtype 1b. Infection. Genetics and Evolution. 23022712
- Sánchez S, García Cenoz M, Martín C, Beristain X, Llorente MT, Herrera-León S. Cluster investigation of mixed O76:H19 Shiga toxin-producing Escherichia coli and atypical enteropathogenic E. coli infection in a Spanish household. Epidemiol Infect. 23906309
- Sánchez Valenzuela A, Lavilla Lerma L, Benomar N, Gálvez A, Pérez Pulido R, Abriouel H. Phenotypic and molecular antibiotic resistance profile of Enterococcus faecalis and Enterococcus faecium isolated from different traditional fermented foods. Foodborne Pathog Dis. 23259502
- Sánchez-Busó L, Coscollá M, Pinto-Carbó M, Catalán V, González-Candelas F.. Genetic characterization of Legionella pneumophila isolated from a common watershed in Comunidad Valenciana, Spain. PLoS ONE. 23634210
- Sánchez-Cruz JJ, Jiménez-Moleón JJ, Fernández-Quesada F, Sánchez MJ. Prevalence of Child and Youth Obesity in Spain in 2012. Rev Esp Cardiol. 23375996
- Sánchez-Pozo MC, Mendiola J, Serrano M, Mozas J, Björndahl L, Menkveld R, Lewis SE, Mortimer D, Jørgensen N, Barratt CL, Fernández MF, Castilla JA; Special Interest Group in Andrology of the European Society of Human Reproduction and Embryology.. Proposal of guidelines for the appraisal of SEMen QUALity studies (SEMQUA). Hum Reprod. 23054068
- Sanchez-Ramos L, Gillen G, Zamora J, Stenyakina A, Kaunitz AM.. The protein-to-creatinine ratio for the prediction of significant proteinuria in patients at risk for preeclampsia: a meta-analysis.. Ann Clin Lab Sci. . 23694798
- Sánchez-Zapardiel E, Castro-Panete MJ, Castillo-Rama M, Morales P, Lora-Pablos D, Valero-Hervás D, Ruiz-García R, Apaza J, Talayero P, Andrés A, Morales JM, Paz-Artal E.. Harmful Effect of Preformed Anti-MICA Antibodies on Renal Allograft Evolution in Early Posttransplantation Period. Transplantation. 23624543
- Sanclemente G, Acosta JL, Tamayo ME, Bonfill X, Alonso-Coello P. Clinical practice guidelines for treatment of acne vulgaris: a critical appraisal using the AGREE II instrument. . Arch Dermatol Res. 23925586
- Sandoval J, Mendez-Gonzalez J, Nadal E, Chen G, Carmona FJ, Sayols S, Moran S, Heyn H, Vizoso M, Gomez A, Sanchez-Cespedes M, Assenov Y, Müller F, Bock C, Taron M, Mora J, Muscarella LA, Liloglou T, Davies M, Pollan M, Pajares MJ, Torre W, Montuenga LM, Brambilla E, Field JK, Roz L, Lo Iacono M, Scagliotti GV, Rosell R, Beer DG, Esteller M. A Prognostic DNA Methylation Signature for Stage I Non-Small-Cell Lung Cancer. J Clin Oncol. 24081945
- Santaló M, Martín A, Velilla J, Povar J, Temboury F, Balaguer J, Muñoz M, Calmarza P, Ortiz C, Carratalá A, Gich I, Mercé J, Jaffe AS, Ordoñez-Llanos J. Using high-sensitivity troponin T: the importance of the proper gold standard. Am J Med. 23764266
- Santamariña-Rubio E, Pérez K, Olabarria M, Novoa AM. Measures of exposure to road traffic injury risk. Inj Prev. 23403853
- Santesso N, Hsu J, Mustafa R, Brozek J, Chen YL, Hopkins JP, Cheung A, Hovhannissyan G, Ivanova L, Flottorp SA, Saeterdal I, Wong AD, Tian J, Uyeki TM, Akl EA, Alonso-Coello P, Smaill F, Schünemann HJ.. Antivirals for influenza: a summary of a systematic review and meta-analysis of observational studies.. Influenza Other Respi Viruses. 24034489

- Santiago Gascon, Michael P Leiter, Eva Andres, Miguel A Santed, Joao P Pereira, Maria J Cunha, Agustín Albesa, Jesus Montero-Marín, Javier Garcia-Campayo and Begoña Martínez-Jarreta.. The role of aggressions suffered by healthcare workers as predictors of burnout. *J Clin Nurs JNC*. 22978353
- Santos C, López-Doriga A, Navarro M, Mateo J, Biondo S, Martínez Villacampa M, Soler G, Sanjuan X, Paules MJ, Laquente B, Guinó E, Kreisler E, Frago R, Germà JR, Moreno V, Salazar R. Clinicopathological risk factors of Stage II colon cancer: results of a prospective study. *Colorectal Dis*. 22974322
- Satgé D, Stiller CA, Rutkowski S, von Bueren AO, Lacour B, Sommelet D, Nishi M, Massimino M, Garré ML, Moreno F, Hasle H, Jakab Z, Greenberg M, von der Weid N, Kuehni C, Zurriaga O, Vicente ML, Peris-Bonet R, Benesch M, Vekemans M, Sullivan SG, Rickert C.. A very rare cancer in Down syndrome: medulloblastoma. Epidemiological data from 13 countries.. *J Neuro-oncol*. 23307327
- Saurina C, Bragulat B, Saez M, López-Casasnovas G. A conditional model for estimating the increase in suicides associated with the 2008-2010 economic recession in England. *Journal of Epidemiology and Community Health*. 23794615
- Savage SA, Mirabello L, Wang Z, Gastier-Foster JM, Gorlick R, Khanna C, Flanagan AM, Tirabosco R, Andrulis IL, Wunder JS, Gokgoz N, Patino-Garcia A, Sierrasesumaga L, Lecanda F, Kurucu N, Ilhan IE, Sari N, Serra M, Hattinger C, Picci P, Spector LG, Barkauskas DA, Marina N, de Toledo SR, Petrilli AS, Amary MF, Halai D, Thomas DM, Douglass C, Meltzer PS, Jacobs K, Chung CC, Berndt SI, Purdue MP, Caporaso NE, Tucker M, Rothman N, Landi MT, Silverman DT, Kraft P, Hunter DJ, Malats N, Kogevinas M, Wacholder S, Troisi R, Helman L, Fraumeni JF Jr, Yeager M, Hoover RN, Chanock SJ. Genome-wide association study identifies two susceptibility loci for osteosarcoma.. *Nat Genet*. 23727862
- Savane FS, Navarrete-Muñoz EM, García de la Hera M, Gimenez-Monzo D, González-Palacios S, Valera-Gran D, Sempere-Orts M, Vioque J. VALIDATION OF SELF-REPORTED WEIGHT AND HEIGHT IN UNIVERSITY POPULATION AND FACTORS ASSOCIATED WITH DIFFERENCES BETWEEN SELF REPORTED AND MEASURED ANTHROPOMETRICS. *Nutrición Hospitalaria*. 24160227
- Schatz J, Fooks AR, McElhinney L, Horton D, Echevarria J, Vázquez-Moron S, Kooi EA, Rasmussen TB, Müller T, Freuling CM.. Bat Rabies Surveillance in Europe. *Zoonoses. Public Health*. 22963584
- Schaumburg, F.; Alabi, A.S.; Mombo-Ngoma, G.; Kaba, H.; Zoleko, R.M.; Diop, D.A.; Mackanga, J.-R.; Basra, A.; Gonzalez, R.; Menendez, C.; Grobusch, M.P.; Kremsner, P.G.; Kock, R.; Peters, G.; Ramharter, M.; Becker, K.. Transmission of *Staphylococcus aureus* between mothers and infants in an African setting. *Clinical Microbiology and Infection*. 24118578
- Schembari A, Triguero-Mas M, de Nazelle A, Dadvand P, Vrijheid M, Cirach M, Martinez D, Figueras F, Querol X, Basagana X, Eeftens M, Meliefste K.. Personal, indoor and outdoor air pollution levels among pregnant women. *Atmos Environ*. WOS:000313539300032
- Schikowski T, Mills IC, Anderson HR, Cohen A, Hansell A, Kauffmann F, Krämer U, Marcon A, Perez L, Sunyer J, Probst-Hensch N, Künzli N. Ambient air pollution-a cause for COPD?. *Eur Resp J*. 23471349
- Schlesinger S, Aleksandrova K, Pischon T, Fedirko V, Jenab M, Trepo E, Boffetta P, Dahm CC, Overvad K, Tjønneland A, Halkjær J, Fagherazzi G, Boutron-Ruault MC, Carbonnel F, Kaaks R, Lukanova A, Boeing H, Trichopoulou A, Bamia C, Lagiou P, Palli D, Grioni S. Abdominal obesity, weight gain during adulthood and risk of liver and biliary tract cancer in a European cohort. *Int J Cancer*. 22618881
- Schlesinger S, Aleksandrova K, Pischon T, Jenab M, Fedirko V, Trepo E, Overvad K, Roswall N, Tjønneland A, Boutron-Ruault MC, Fagherazzi G, Racine A, Kaaks R, Grote VA, Boeing H, Trichopoulou A, Paltalis M, Kritikou M, Mattiello A, Sieri S, Sacerdote C, Palli D, Tumino R, Peeters PH, Bueno-de-Mesquita HB, Weiderpass E, Quirós JR, Zamora-Ros R, Sánchez MJ, Arriola L, Ardanaz E, Tormo MJ, Nilsson P, Lindkvist B, Sund M, Rolandsson O, Khaw KT, Wareham N, Travis RC, Riboli E, Nöthlings U. Diabetes mellitus, insulin treatment, diabetes duration, and risk of biliary tract cancer and hepatocellular carcinoma in a European cohort. *Ann Oncol*. 23720454
- Schrell S, Ziemann A, Garcia-Castrillo Riesgo L, Rosenkötter N, Llorca J, Popa D, Krafft T; SIDARTHa Project Consortium. Local implementation of a syndromic influenza surveillance system using emergency department data in Santander, Spain. *J Public Health (Oxf)*. 23620543
- Schröder H*, Méndez MA, Gomez SF, Fitó M, Ribas L, Aranceta J, Serra-Majem L. Energy density, diet quality, and central body fat in a nationwide survey of young Spaniards. *Nutrition*. 24103512
- Scott KM*, Alonso J, de Jonge P, Viana MC, Liu Z, O'Neill S, Aguilar-Gaxiola S, Bruffaerts R, Caldas-de-Almeida JM, Stein D, Angermeyer M, Benjet C, de Girolamo G, Firuleasa I L, Hu C, Kiejna A, Kovess-Masfety V, Levinson D, Nakane Y, Piazza M, Posada-Villa J, Khalaf M, Lim CC, Kessler RC. Associations between DSM-IV mental disorders and onset of self-reported peptic ulcer in the World Mental Health Surveys. *J Psychosom Res*. 23915767
- Scott KM*, de Jonge P, Alonso J, Viana MC, Liu Z, O'Neill S, Aguilar-Gaxiola S, Bruffaerts R, Caldas-de-Almeida JM, Stein DJ, de Girolamo G, Florescu SE, Hu C, Taib NI, Lépine JP, Levinson D, Matschinger H, Medina-Mora ME, Piazza M, Posada-Villa JA, Uda H, Wojtyniak BJ, Lim CC, Kessler RC. Associations between DSM-IV mental disorders and subsequent heart disease onset: Beyond depression. *Int J Cardiol*. 23993321
- Seguí N, Pineda M, Guinó E, Borràs E, Navarro M, Bellido F, Moreno V, Lázaro C, Blanco I, Capellá G, Valle L. Telomere length and genetic anticipation in Lynch syndrome. *PLoS one*. 23637804
- Selva, L.; Benmessaoud, R.; Lanaspá, M.; Jroundi, I.; Moraleda, C.; Acacio, S.; Inigo, M.; Bastiani, A.; Monsonis, M.; Pallares, R.; Bassat, Q.; Muñoz-Almagro, C.. Detection of and Type B by Real-Time PCR from Dried Blood Spot Samples among Children with Pneumonia: A Useful Approach for Developing Countries. *PLoS one*. 24116190
- Serra-Cobo J, López-Roig M, Seguí M, Sánchez LP, Nadal J, Borràs M, Lavenir R, Bourthy H. Ecological factors

- associated with European bat lyssavirus seroprevalence in spanish bats. *Plos One*. 23700480
- Serrano R, Garcia-Soidan FJ, Diaz-Redondo A, Artola S, Franch J, Diez J, Carrillo L, Ezkurra P, Millaruelo JM, Segui M, Sangros FJ, Martinez-Candela J, Munoz P, Goday A, Regidor E.. [Cohort Study in Primary Health Care on the Evolution of Patients with Prediabetes (PREDAPS): basis and methodology]. *Rev Esp Salud Publica*. 23775102
- Serrano-Villar S, Gutiérrez C, Vallejo A, Hernández-Novoa B, Díaz L, Abad Fernández M, Madrid N, Dronda F, Zamora J, Muñoz-Fernández MÁ, Moreno S. The CD4/CD8 ratio in HIV-infected subjects is independently associated with T-cell activation despite long-term viral suppression. *J Infect*. 23046968
- Serrano-Villar S, Quereda C, Moreno A, Pérez-Eliás MJ, Casado JL, RoyuelaA, Dronda F, Navas E, Hermida JM, Moreno S. Neutropenia During Therapy with Peginterferon and Ribavirin in HIV-Infected Subjects with Chronic Hepatitis C and the Risk of Infections. *Clin Infect Dis*. 23575196
- Serra-Sutton V, Serrano CB, Carreras ME.. Quality indicators to assess a colorectal cancer prevention program. *Int J Technol Assess Health Care*. 23587309
- Servitje O, Muniesa C, Benavente Y, Monsálvez V, Garcia-Muret MP, Gallardo F, Domingo-Domenech E, Lucas A, Climent F, Rodriguez-Peralto JL, Ortiz-Romero PL, Sandoval J, Pujol RM, Estrach MT. Primary cutaneous marginal zone B-cell lymphoma: response to treatment and disease-free survival in a series of 137 patients. *J Am Acad Dermatol*.. 23796549
- Shahly V, Chatterji S, Gruber MJ, Al-Hamzawi A, Alonso J, Andrade LH, Angermeyer MC, Bruffaerts R, Bunting B, Caldas-de-Almeida JM, de Girolamo G, deJonge P, Florescu S, Gureje O, Haro JM, Hinkov HR, Hu C, Karam EG, Lépine JP, Levinson D, Medina-Mora ME, Po. Cross-national differences in the prevalence and correlates of burden among older family caregivers in the World Health Organization World Mental Health (WMH) Surveys. *Psychol Med*. 22877824
- Silva J, Rodríguez Y, Araya J, Gahona J, Valenzuela N, Guerrero K, Báez J, Baquero F, del Campo R. Detection of virulence genes in aminoglycoside susceptible and resistant *Enterococcus faecalis*. *Rev Chilena Infectol*. 23450405
- Silva R, Folgosa F, Soares P, Pereira AS, Garcia R, Gestal-Otero JJ, Tavares P, Gomes da Silva MD. Occupational cosmic radiation exposure in Portuguese airline pilots: study of a possible correlation with oxidative biological markers. *Radiat Environ Biophys*. 23412012
- Slavíková B, Bujons J, Matyáš L, Vidal M, Babot Z, Křištofiková Z, Suňol C, Kasal A. Allopregnanolone and pregnanolone analogues modified in the C ring: synthesis and activity. *J Med Chem*. 23421641
- Sluijs I, Beulens JW, van der Schouw YT, van der A DL, Buckland G, Kuijsten A, Schulze MB, Amiano P, Ardanaz E, Balkau B, Boeing H, Gavrila D, Grote VA, Key TJ, Li K, Nilsson P, Overvad K, Palli D, Panico S, Quirós JR, Rolandsson O, Roswall N, Sacerdote C. Dietary Glycemic Index, Glycemic Load, and Digestible Carbohydrate Intake Are Not Associated with Risk of Type 2 Diabetes in Eight European Countries. *J Nutr*. 23190759
- Sluik D, Boeing H, Li K, Kaaks R, Johnsen NF, Tjønneland A, Arriola L, Barricarte A, Masala G, Grioni S, Tumino R, Ricceri F, Mattiello A, Spijkerman AM, van der A DL, Sluijs I, Franks PW, Nilsson PM, Orho-Melander M, Fhärm E, Rolandsson O, Riboli E, Romaguera D, Weiderpass E, Sánchez-Cantalejo E, Nöthlings U.. Lifestyle factors and mortality risk in individuals with diabetes mellitus: are the associations different from those in individuals without diabetes?. *Diabetologia*. 24132780
- Smith RB, Nieuwenhuijsen MJ, Wright J, Raynor P, Cocker J, Jones K, Kappaostopoulou-Karadanelli M, Toledano MB. Validation of trichloroacetic acid exposure via drinking water during pregnancy using a urinary TCAA biomarker. *Environ Res*. 23769186
- Soler-Vila H, Galán I, Valencia-Martín JL, León-Muñoz LM, Guallar-Castillón P, Rodríguez Artalejo F. Binge Drinking in Spain, 2008–2010. *Alcohol Clin Exp Res*. 24164355
- Solidaki E, Chatzi L, Bitsios P, Coggon D, Palmer KT, Kogevinas M. Risk factors for new onset and persistence of multi-site musculoskeletal pain in a longitudinal study of workers in Crete. *Occup Environ Med*. 22864252
- Sordo L, Indave BI, Degenhardt L, Barrio G, Kaye S, Ruiz-Perez I, Bravo MJ. A systematic review of evidence on the association between cocaine use and seizures. *Drug Alcohol Depend*. 24051062
- Sordo L, Pérez-Vicente S, Rodríguez Del Águila MM, Bravo MJ. [Respondent-driven sampling for the study of difficult access populations]. *Med Clin (Barc)*. 23122609
- Stafoggia M, Samoli E, Alessandrini E, Cadum E, Ostro B, Berti G, Faustini A, Jacquemin B, Linares C, Pascal M, Randi G, Ranzi A, Stivanello E, and Forastiere F & the MEDPARTICLES Study Group. Short-term association between fine and coarse particulate matter and hospitalizations in Southern Europe – results from the MED-PARTICLES project. *Environmental Health Perspectives*. 23777832
- Steffen A, Sørensen TI, Knüppel S, Travier N, Sánchez MJ, Huerta JM, Quirós JR, Ardanaz E, Dorronsoro M, Teucher B, Li K, Bueno-de-Mesquita HB, van der A D, Mattiello A, Palli D, Tumino R, Krogh V, Vineis P, Trichopoulou A, Orfanos P, Trichopoulos D, Hedblad B, Wallström P, Overvad K, Halkjær J, Tjønneland A, Fagherazzi G, Dartois L, Crowe F, Khaw KT, Wareham N, Middleton L, May AM, Peeters PH, Boeing H. Development and validation of a risk score predicting substantial weight gain over 5 years in middle-aged European men and women. *PLoS One*. 23874419
- Steindorf K, Ritte R, Eomois PP, Lukanova A, Tjønneland A, Johnsen NF, Overvad K, Østergaard JN, Clavel-Chapelon F, Fournier A, Dossus L, Teucher B, Rohrmann S, Boeing H, Wientzek A, Trichopoulou A, Karapetyan T, Trichopoulos D, Masala G, Berrino F, Mattiell. Physical activity and risk of breast cancer overall and by hormone receptor status: The european prospective investigation into cancer and nutrition. *Int J Cancer*. 22903273
- Stiller CA, Trama A, Serraino D, Rossi S, Navarro C, Chirlaque MD, Casali PG; RARECARE Working Group.. Descriptive epidemiology of sarcomas in Europe: report from the RARECARE Project. *Eur J Cancer*. 23079473
- Stoyanova E., S. Pastor, E. Coll, A. Collins, R. Marcos. Base excision repair capacity in chronic renal failure patients undergoing hemodialysis treatment. *Cell Biochemisrty and Function*. 23873307

- Suárez Conejero, Juana; Godue, Charles; García Gutiérrez, José Francisco; Magaña Valladares, Laura; Rabionet, Silvia; Concha, José; Vázquez Valdés, Manuel; Gómez, Rubén Darío; Mujica, Oscar J.; Cabezas, César; Liendo Lucano, Lindaura; Castellanos, Jorge. Core competencies in public health: a regional framework for the Americas. *Rev Panam Salud Publica*. 24006020
- Suárez-Varela MM, Gallardo-Juan A, García-Marcos L, Gimeno-Clemente N, Silvarrey-Varela AL, Miner-Canflanca I, Batlles-Garrido J, Blanco-Quiros A, Busquets-Monge RM, Domínguez-Aurrecoechea B, Arnedo-Pena A, González-Díaz C, Aguinaga-Ontoso I, Martínez-Gimeno A, Llopis-González A. The Impact of Atmospheric Pollutants on the Prevalence of Atopic Eczema in 6-7-Year-Old Schoolchildren in Spain; ISAAC Phase III. *Iran J Allergy Asthma Immunol*. 23893805
- Suárez-Varela MM, García-Marcos L, Fernández-Espinar JF, Bercedo-Sanz A, Aguinaga-Ontoso I, González-Díaz C, Carvajal-Urueña I, Busquet-Monge RM, Arnedo-Pena A, García de Andoin N, Batlles-Garrido J, Blanco-Quirós A, López-Silvarrey Varela A, García-Hernández G, Gimeno-Clemente N, Rubio-López N, Llopis-González A.. Is acetaminophen use associated with atopic eczema and other allergic diseases in adolescents?. *Iran J Allergy Asthm*. 23754349
- Subirana I, Gonzalez JR.. Genetic association analysis and meta-analysis of imputed SNPs in longitudinal studies. *Genetic Epidemiol*. 23595425
- Sureda X, Fernández E, López MJ, Nebot M. Second-Hand Tobacco Smoke Exposure in Open and Semi-Open Settings: A Systematic Review.. *Environmental Health Perspectives*. 23651671
- Szarewski A, Skinner SR, Garland SM, Romanowski B, Schwarz TF, Apter D, Chow SN, Paavonen J, Del Rosario-Raymundo MR, Teixeira JC, De Carvalho NS, Castro-Sanchez M, Castellsagué X, Poppe WA, De Sutter P, Huh W, Chatterjee A, Tjalma WA, Ackerman RT, Martens M, Papp KA, Bajo-Arenas J, Harper DM, Torné A, David MP, Struyf F, Lehtinen M, Dubin G.. Efficacy of the HPV-16/18 AS04-Adjuvanted Vaccine Against Low-Risk HPV Types (PATRICIA Randomized Trial): An Unexpected Observation. *J Infect Dis*. 24092907
- t Hoen PA, Friedländer MR, Almlöf J, Sammeth M, Pulyakhina I, Anvar SY, Laros JF, Buermans HP, Karlberg O, Brännvall M; The GEUVADIS Consortium, van Ommen GJ, Estivill X, Guigó R, Syvänen AC, Gut IG, Dermitzakis ET, Antonorakis SE, Brazma A, Flicek P, Schreiber S, Rosenstiel P, Meitinger T, Strom TM, Lehrach H, Sudbrak R, Carracedo A, t Hoen PA, Pulyakhina I, Anvar SY, Laros JF, Buermans HP, van Iterson M, Friedländer MR, Monlong J, Lizano E, Bertier G, Ferreira PG, Sammeth M, Almlöf J, Karlberg O, Brännvall M, Ribeca P, Griebel T, Beltran S, Gut M, Kahlem K, Lappalainen T, Giger T, Ongen H, Padioleau I, Kilpinen H, González-Porta M, Kurbatova N, Tikhonov A, Greger L, Barann M, Esser D, Häsler R, Wieland T, Schwarzmayer T, Sultan M, Amstislavskiy V, den Dunnen JT, van Ommen GJ, Gut IG, Guigó R, Estivill X, Syvänen AC, Dermitzakis ET, Lappalainen T.. Reproducibility of high-throughput mRNA and small RNA sequencing across laboratories.. *Nat Biotechnol*. 24037425
- Tabernero J, Garcia-Carbonero R, Cassidy J, Sobrero A, Van Cutsem E, Köhne CH, Tejpar S, Gladkov O, Davidenko I, Salazar R, Vladimirova L, Cheporov S, Burdaeva O, Rivera F, Samuel L, Bulavina I, Potter V, Chang YL, Lokker NA, O'Dwyer PJ. Sorafenib in Combination with Oxaliplatin, Leucovorin, and Fluorouracil (modified FOLFOX6) as First-line Treatment of Metastatic Colorectal Cancer: The RESPECT Trial.. *Clin Cancer Res*. 23532888
- Tajuddin SM, Amaral AF, Fernandez AF, Rodriguez-Rodero S, Rodriguez RM, Moore LE, Tardon A, Carrato A, Garcia-Closas M, Silverman DT, Jackson BP, Garcia-Closas R, Cook AL, Cantor KP, Chanock S, Kogevinas M, Rothman N, Real FX, Fraga MF, Malats N.. Genetic and non-genetic predictors of LINE-1 methylation in leukocyte DNA. *Environ Health Perspect*. 23552396
- Takkouche B, Khudyakov P, Costa-Bouzas J, Spiegelman D. Confidence intervals for heterogeneity measures in meta-analysis.. *Am J Epidemiol*. 23921232
- Tamayo Uria I, Mateu Mahiques J, Mughini Gras L.. Temporal Distribution and Weather Correlates of Norway Rat (*Rattus norvegicus*) Infestations in the City of Madrid, Spain. *EcoHealth*. 23539128
- Tamayo Uria I; Mateu Mahiques J; Escobar, F; Mughini Gras L;. Risk factors and spatial distribution of urban rat infestations. *Journal of Pest Science*
- Tebé Cordoní C, Del Río LM, Di Gregorio S, Casas L, Estrada MD, Kotzeva A, Espallargues M. Validation of the FRAX Predictive Model for Major Osteoporotic Fracture in a Historical Cohort of Spanish Women. *J Clin Densitom*. 22748778
- Tjalma, W.A.; Fiander, A.; Reich, O.; Powell, N.; Nowakowski, A.M.; Kirschner, B.; Koiss, R.; O'Leary J; Joura, E.A.; Rosenlund, M.; Colau, B.; Schledermann, D.; Kukk, K.; Damaskou, V.; Repanti, M.; Vladareanu, R.; Kolomiets, L.; Savicheva, A.; Shipitsyna, E.; Ordi, J.; Molijn, A.; Quint, W.; Raillard, A.; Rosillon, D.; De Souza, S.C.; Jenkins, D.; Holl, K.. Differences in human papillomavirus type distribution in high-grade cervical intraepithelial neoplasia and invasive cervical cancer in Europe.. *International Journal of Cancer*. 22752992
- Torné A, Pahisa J, Vidal-Sicart S, Martínez-Roman S, Paredes P, Puerto B, Albelo S, Fusté P, Perisinotti A, Ordi J. Transvaginal Ultrasound-Guided Myometrial Injection of Radiotracer (TUMIR): A New Method for Sentinel Lymph Node Detection in Endometrial Cancer. *Gynecol Oncol*. 23085461
- Torner N, Anton A, Barrabeig I, Lafuente S, Parron I, Arias C, Camps N, Costa J, Martínez A, Torra R, Godoy P, Minguell S, Ferrús G, Cabezas C, Domínguez A, Surveillance Network Of Catalonia TM, Spain. Epidemiology of two large measles virus outbreaks in Catalonia: What a difference the month of administration of the first dose of vaccine makes. *Hum Vaccin*. 23303107
- Torner N, Baricot M, Martínez A, Toledo D, Godoy P, Domínguez A, Physicians' Network Of Catalonia Pidrarc TI. Influenza sentinel surveillance network: A public health-primary care collaborative action to assess influenza A(H1N1)pmd09 in Catalonia, Spain.. *Hum Vaccin*. 23396181
- Torrubiano-Domínguez J, Vives-Cases C; the Violence Against Women and Public Health Research Group at the

- University of Alicante.. Application of the Putting Women First protocol in a study on violence against immigrant women in Spain.. *Gac Sanit.* 23537853
- Travis RC, Appleby PN, Siddiq A, Allen NE, Kaaks R, Canzian F, Feller S, Tjønneland A, Føns Johnsen N, Overvad K, Ramón Quirós J, González CA, Sánchez MJ, Larrañaga N, Chirlaque MD, Barricarte A, Khaw KT, Wareham N, Trichopoulou A, Valanou E, Oustoglou E, Pa. Genetic variation in the lactase gene, dairy product intake and risk for prostate cancer in the European prospective investigation into cancer and nutrition.. *Int J Cancer.* 22965418
- Treweek S, Oxman AD, Alderson P, Bossuyt PM, Brandt L, Brožek J, Davoli M, Flottorp S, Harbour R, Hill S, Liberati A, Liira H, Schünemann HJ, Rosenbaum S, Thornton J, Vandvik PO, Alonso-Coello P; DECIDE Consortium.. Developing and Evaluating Communication Strategies to Support Informed Decisions and Practice Based on Evidence (DECIDE): protocol and preliminary results. *Implement Sci.* 23302501
- Trujillano D, Perez B, González J, Tornador C, Navarrete R, Escaramis G, Ossowski S, Armengol L, Cornejo V, Desviat LR, Ugarte M, Estivill X.. Accurate molecular diagnosis of phenylketonuria and tetrahydrobiopterin-deficient hyperphenylalaninemias using high-throughput targeted sequencing. *Eur J Hum Genet.* 23942198
- Trujillano D, Ramos MD, González J, Tornador C, Sotillo F, Escaramis G, Ossowski S, Armengol L, Casals T, Estivill X.. Next generation diagnostics of cystic fibrosis and CFTR-related disorders by targeted multiplex high-coverage resequencing of CFTR.. *J Med Genet.* 23687349
- Tsai CL, Delclos GL, Huang JS, Hanania NA, Camargo CA Jr.. Age-related differences in asthma outcomes in the United States, 1988-2006.. *Ann Allergy Asthma Immunol.* 23535086
- Tsilidis KK, Travis RC, Appleby PN, Allen NE, Lindström S, Albanes D, Ziegler RG, McCullough ML, Siddiq A, Barricarte A, Berndt SI, Bueno-de-Mesquita HB, Chanock SJ, Crawford ED, Diver WR, Gapstur SM, Giovannucci E, Gu F, Haiman CA, Hayes RB, Hunter DJ, Joha. Insulin-like growth factor pathway genes and blood concentrations, dietary protein and risk of prostate cancer in the NCI Breast and Prostate Cancer Cohort Consortium (BPC3). *Int J Cancer.* 23341348
- Tsoi LC, Spain SL, Knight J, Ellinghaus E, Stuart PE, Capon F, Ding J, Li Y, Tejasvi T, Gudjonsson JE, Kang HM, Allen MH, McManus R, Novelli G, Samuelsson L, Schalkwijk J, Ståhle M, Burden AD, Smith CH, Cork MJ, Estivill X, Bowcock AM, Krueger GG, Weger W. Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. *Nat Genet.* 23143594
- Tuneu MJ, Vallès X, Carnicer-Pont D, Barberá MJ, Godoy P, Avecilla-Palau A, Jordà B, Lopez-Grado E, Rivero D, Vives A, Acera A, Almirall R, Crespo N, Casabona J. Pilot study to introduce a notification card for partner notification of sexually transmitted infections in Catalonia, Spain, June 2010 to June 2011. *Euro Surveill.* 23870079
- Turck D, Michaelsen KF, Shamir R, Braegger C, Campoy C, Colomb V, Decsi T, Domellöf M, Fewtrell M, Kolacek S, Mihatsch W, Moreno LA, van Goudoever J.. World health organization 2006 child growth standards and 2007 growth reference charts: a discussion paper by the committee on nutrition of the European society for pediatric gastroenterology, hepatology, and nutrition. *J Pediatr Gastroenterol Nutr.* 23880630
- Turner MC, Krewski D, Armstrong BK, Chetrit A, Giles GG, Hours M, McBride ML, Parent MÉ, Sadetzki S, Siemiatycki J, Woodward A, Cardis E.. Allergy and brain tumors in the INTERPHONE study: pooled results from Australia, Canada, France, Israel, and New Zealand. *Cancer Causes Control.* 23443320
- Turrientes MC, Baquero F, Levin BR, Martínez JL, Ripoll A, González-Alba JM, Tobes R, Manrique M, Baquero MR, Rodríguez-Domínguez MJ, Cantón R, Galán JC. Correction: Normal Mutation Rate Variants Arise in a Mutator (Mut S) *Escherichia coli* Population.. *PLoS One.* 24069129
- Ubalde-López M, Delclos GL, Calvo E, Benavides FG.. Influence of new secondary diagnoses on the duration of non-work-related sickness absence episodes. *Occup Environ Med.* 23532197
- Urbiztondo L, Borràs E, Costa J, Broner S, Campins M, Bayas JM, Esteve M, Domínguez A; Working Group for the Study of the Immune Status in Healthcare Workers in Catalonia. Prevalence of measles antibodies among health care workers in Catalonia (Spain) in the elimination era.. *BMC Infect Dis.* 23978316
- Vafeiadi M, Agramunt S, Papadopoulou E, Besselink H, Mathianaki K, Karakosta P, Spanaki A, Koutis A, Chatzi L, Vrijheid M, Kogevinas M.. In Utero exposure to dioxins and dioxin-like compounds and distance in newborns and infants.. *Env Health Perspect.* 23171674
- Valencia-Martín JL, Galán I, Guallar-Castillón P, Rodríguez-Artalejo F.. Alcohol drinking patterns and health-related quality of life reported in the Spanish adult population.. *Prev Med.* 24051265
- Valero A, Izquierdo I, Sastre J, Navarro AM, Baro E, Martí-Guadaño E, Ferrer M, Dávila I, del Cuvillo A, Colás C, Antépara I, Alonso J, Mulla J.. ESPRINT-15 Questionnaire (Spanish Version): Reference Values According to Disease Severity Using Both the Original and the Modified ARIA Classifications. *J Investig Allergol Clin Immunol.* 23653969
- Valero-Aguilera B, Bermúdez-Tamayo C, García-Gutiérrez JF, Jiménez-Pernett J, Cózar-Olmo JM, Guerrero-Tejada R, Alba-Ruiz R.. Information needs and Internet use in urological and breast cancer patients. *Support Care Cancer.* 24122406
- Vales G, Demir E, Kaya B, Creus A, Marcos R. Genotoxicity of cobalt nanoparticles and ions in *Drosophila*. *Nanotoxicology.* 22548285
- Valvi D; Mendez MA; Garcia-Esteban R; Ballester F; Ibarluzea J; Goni F; Grimalt JO; Llop S; Marina LS; Vizcaino E; Sunyer J; Vrijheid M;. Prenatal exposure to persistent organic pollutants and rapid weight gain and overweight in infancy. *Obesity (Silver Spring).* 23963708
- Valvi, Damaskini; Casas, Maribel; Mendez, Michelle A; Ballesteros-Gomez, Ana; Luque, Noelia; Rubio, Soledad; Sunyer, Jordi; Vrijheid, Martine. Prenatal bisphenol a urine concentrations and early rapid growth and overweight risk in the offspring. *Epidemiology (Cambridge, Mass.)* .
- Van den Berg SW, van der A DL, Spijkerman AM, van Woudenberg GJ, Tijhuis MJ, Amiano P, Ardanaz E, Beulens JW,

- Boeing H, Clavel-Chapelon F, Crowe FL, de Lauzon-Guillain B, Fagherazzi G, Franks PW, Freisling H, Gonzalez C, Gioni S, Halkjaer J, Huerta JM, Huybrechts I, Kaaks R, Khaw KT, Masala G, Nilsson PM, Overvad K, Panico S, Quirós JR, Rolandsson O, Sacerdote C, Sánchez MJ, Schulze MB, Slimani N, Struijk EA, Tjønneland A, Tumino R, Sharp SJ, Langenberg C, Forouhi NG, Feskens EJ, Riboli E, Wareham NJ. The association between dietary energy density and type 2 diabetes in Europe: results from the EPIC-InterAct Study. *PLoS One*. 23696784
- Van den,Block L, Onwuteaka-Philipsen B, Meeussen K, Donker G, Giusti F, Miccinesi G, Van C, V, Alonso TV, Zurriaga O, Delliens L.. Nationwide continuous monitoring of end-of-life care via representative networks of general practitioners in Europe.. *BMC Fam Pract*. 23731938
- van der Zwan JM, Trama A, Otter R, Larrañaga N, Tavilla A, Marcos-GrageraR, Dei Tos AP, Baudin E, Poston G, Links T; the RARECARE WG.. Rare neuroendocrine tumours: Results of the surveillance of rare cancers in Europe Project.. *Eur J Cancer*. 23541566
- van Tongeren M, Kincl L, Richardson L, Benke G, Figuerola J, Kauppinen T,Lakhani R, Lavoué J, McLean D, Plato N, Cardis E; FOR THE INTEROCC STUDY GROUP.. Assessing occupational exposure to chemicals in an International Epidemiological study of brain tumours. *Ann Occup Hyg*. 23467593
- Vandvik PO, Brandt L, Alonso-Coello P, Treweek S, Akl EA, Kristiansen A, Fog-Heen A, Agoritsas T, Montori VM, Guyatt G.. Creating clinical practice guidelines we can trust, use, and share: a new era is imminent. *Chest*. 23918106
- Vargas-Prada S, Martinez JM, Coggon D, Delclos G, Benavides FG, Serra C. Health beliefs, low mood and somatising tendency: their role in the incidence and persistence of musculoskeletal pain with and without reported disability. *SCAND J WORK ENV HEA*. 23955508
- Vargas-Prada S, Serra C, Martínez JM, Ntani G, Delclos GL, Palmer KT,Coggon D, Benavides FG. Psychological and culturally-influenced risk factors for the incidence and persistence of low back pain and associated disability in spanish workers: findings from the cupid project. *Occup Environ Med*. 22864247
- Vassilaki M, Chatzi L, Bagkeris E, Papadopoulou E, Karachaliou M, Koutis A,Philalithis A, Kogevinas M.. Smoking and caesarean deliveries: major negative predictors for breastfeeding in the mother-child cohort in Crete, Greece (Rhea study).. *Matern Child Nutr*. 22642318
- Vázquez C, Botella-Carretero JJ, García-Albiach R, Pozuelo MJ, Rodríguez-Baños M, Baquero F, Baltadjieva MA, Del Campo R. Screening in a lactobacillus delbrueckii subsp. bulgaricus collection to select a strain able to survive to the human intestinal tract. *Nutr Hosp*. 23889646
- Vázquez-Román S, Garcia-Lara NR, Escuder-Vieco D, Chaves-Sánchez F, De laCruz-Bertolo J, Pallas-Alonso CR.. Determination of Dornic acidity as a method to select donor milk in a milk bank. *Breastfeed Med*. 23373435
- Vega Ariza P, Jiménez-Moleón JJ, Kristensen MT. Change of residence and functional status within three months and one year following hip fracture surgery. *Disabil Rehabil*. 23919643
- Venegas-Sánchez J, Rivadeneyra-Sicilia A, Bolívar-Muñoz J, López-Fernández LA, Martín-Olmedo P, Fernández-Ajuria A, Daponte-Codina A, Ruiz-Fernández J, Artundo-Purroy C. Health impact assessment of the San Fernando street renewal project in Alcalá de Guadaíra (Seville, Spain) *Gac Sanit*. 23057971
- Verd S, Barriuso L, Gich I, Gutiérrez A, Nadal-Amat J, Carreras E. Risk of early breastfeeding cessation among symmetrical, small for gestational age infants. *Ann Hum Biol*. 23249180
- Verdura Vizcaino EJ, Fernandez-Navarro P, Blanco C, Ponce G, Navio M, Moratti S, Rubio G. Maintenance of Attention and Pathological Gambling. *Psychol Addict Behav*. 23713570
- Vergnaud AC, Norat T, Mouw T, Romaguera D, May AM, Bueno-de-Mesquita HB, van der A D, Agudo A, Wareham N, Khaw KT, Romieu I, Freisling H, Slimani N,Perquier F, Boutron-Ruault MC, Clavel-Chapelon F, Palli D, Berrino F, MattielloA, Tumino R, Ricceri F, Rodrí. Macronutrient composition of the diet and prospective weight change in participants of the EPIC-PANACEA study. *PLoS ONE*. 23472080
- Vergnaud AC, Romaguera D, Peeters PH, van Gils CH, Chan DS, Romieu I,Freisling H, Ferrari P, Clavel-Chapelon F, Fagherazzi G, Dartois L, Li K, Tikk K,Bergmann MM, Boeing H, Tjønneland A, Olsen A, Overvad K, Dahm CC, Redondo ML,Agudo A, Sánchez MJ, Amiano. Adherence to the World Cancer Research Fund/American Institute for Cancer Research guidelines and risk of death in Europe: results from the European Prospective Investigation into Nutrition and Cancer cohort study1,4. *Am J Clin Nutr*. 23553166
- Vermeulen E;Zamora-Ros R;Duell EJ;Lujan-Barroso L;Boeing H;Aleksandrova K;Bueno-de-Mesquita HB;Scalbert A;Romieu I;Fedirko V;Touillaud M;Fagherazzi G;Perquier F;Molina-Montes E;Chirlaque MD;Vicente AM;Amiano P;Barricarte A;Pala V;Mattiello A;Saieva C;Tumino R;Ricceri F;Trichopoulou A;Vasilopoulou E;Ziara G;Crowe FL;Khaw KT;Wareham NJ;Lukanova A;Grote VA;Tjønneland A;Halkjaer J;Bredsdorff L;Overvad K;Siersema PD;Peeters PH;May AM;Weiderpass E;Skeie G;Hjartaker A;Landberg R;Johansson I;Sonestedt E;Ericson U;Riboli E;Gonzalez CA;. Dietary Flavonoid Intake and Esophageal Cancer Risk in the European Prospective Investigation into Cancer and Nutrition Cohort. *Am J Epidemiol*. 23652166
- Viana MC*, Gruber MJ, Shahly V, Alhamzawi A, Alonso J, Andrade LH, Angermeyer MC, Beneit C, Bruffaerts R, Caldas-de-Almeida JM, de Girolamo G, de Jonge P, Ferry F, Florescu S, Gureje O, Haro JM, Hinkov H, Hu C, Karam EG, Lépine JP, Levinson D, Posada-Villa J, Sampson NA, Kessler RC. Family burden related to mental and physical illness in the world: Results from the WHO World Mental Health (WMH) Surveys. *Rev Bras Psiquiatr*. 23904015
- Vila V, Aznar JA, Moret A, Marco A, Navarro S, Vila C, España F. Assessment of the thrombin generation assay in haemophilia: comparative study between fresh and frozen platelet-rich plasma. *Haemophilia*. 23174035
- Vilagut G*, Forero CG, Pinto-Meza A, Haro JM, de Graaf R, Bruffaerts R, Kovess V, de Girolamo G, Matschinger H, Ferrer M, Alonso J, on behalf of the ESEMeD Investigators. The Mental Component of the Short-Form 12 Health

- Survey (SF-12) as a Measure of Depressive Disorders in the General Population: Results with Three Alternative Scoring Methods. *Value Health*. 23796290
- Vilahr N, Baccarelli AA, Bustamante M, Agramunt S, Byun HM, Fernandez MF, Sunyer J, Estivill X. Storage conditions and stability of global DNA methylation in placental tissue. *Epigenomics*. 23750648
- Vilahr N, Molina-Molina JM, Bustamante M, Murcia M, Arrebola JP, Ballester F, Mendez MA, Garcia-Esteban R, Guxens M, Santa Marina L, Tardón A, Sunyer J, Olea N, Fernandez MF. Male specific association between xenoestrogen levels in placenta and birthweight. *Environ Int*. 23262415
- Vila-Vives JM, Soler-Ferrero I, Gimeno-Clemente N, Hidalgo-Mora JJ, Vila-Martínez JM, Pellicer A. Perfil de la paciente que solicita una interrupción voluntaria del embarazo. *Gac Sanit*. 23537856
- Villalonga-Olives E, Marí-Dell'Olmo M, Gotsens M, Ramos M, Ramon J, Cabeza E, Borrell C. Analysis of inequalities in mortality in small areas: obstacles to overcome. *Gac Sanit*. 23537857
- Vioque J, Navarrete-Muñoz EM, Gimenez-Monzó D, García-de-la-Hera M, Granada F, Young IS, Ramón R, Ballester F, Murcia M, Rebagliato M, Iñiguez C; INMA-Valencia Cohort Study. Reproducibility and validity of a food frequency questionnaire among pregnant women in a Mediterranean area. *Nutr J*. 23421854
- Virues-Ortega J, Julio FM, Pastor-Barriuso R. The TEACCH program for children and adults with autism: a meta-analysis of intervention studies. *Clinical Psychology Review*. 23988454
- Vives A, Amable M, Ferrer M, Moncada S, Llorens C, Muntaner C, Benavides FG, Benach J. Employment Precariousness and Poor Mental Health: Evidence from Spain on a New Social Determinant of Health. *Int J Environ Res Public Health*. 23431322
- Vives N, Lugo R, López E, Garcia de Olalla P, Minguell S, Barrabeig I, Pons P, Lopez-Grado E, Ferré I, Escriche R, Armengol P, Vall M, Soler-Palacin P, Leon I, Gascon I, Vicente AM, Falguera G, AVECILLA-PALAU A, Martinez C, Barberá MJ, González V, Caylà J, Casabona J. Increase in gonorrhoea among very young adolescents, Catalonia, Spain, January 2012 to June 2013. *Euro Surveill*. 23968876
- Vives-Cases C, Domínguez Berjón F, Borrell C. A new Gaceta Sanitaria guideline: basic recommendations for the publication of qualitative studies. *Gac Sanit*. 23669500
- Vives-Cases C, Torrubiano-Domínguez J, Gil-González D, Parra DL, Agudelo-Suárez AA, Davó M, Pérez-Belda M, Martínez-Román MA. Social and immigration factors in intimate partner violence among Ecuadorians, Moroccans and Romanians living in Spain. *Eur J Public Health*. 24029458
- Vizcaya D, Mirabelli MC, Orriols R, Antó JM, Barreiro E, Burgos F, Arjona L, Gomez F, Zock JP. Functional and biological characteristics of asthma in cleaning workers. *Respir Med*. 23433770
- Wang M, Beelen R, Basagana X, Becker T, Cesaroni G, de Hoogh K, Dedele A, Declercq C, Dimakopoulou K, Eeftens M, Forastiere F, Galassi C, Gražulevičienė R, Hoffmann B, Heinrich J, Iakovides M, Künzli N, Korek M, Lindley S, Mølter A, Mosler G, Madsen C, Nieuw. Evaluation of land use regression models for NO2 and particulate matter in 20 European study areas: the ESCAPE project. *Environ Sci Technol*. 23534892
- Watson-Jones D, Baisley K, Brown J, Kavishe B, Andreasen A, Changalucha J, Mayaud P, Kapiga S, Gumodoka B, Hayes RJ, de Sanjosé S. High prevalence and incidence of human papillomavirus in a cohort of healthy young African female subjects. *Sex Transm Infect*. 23486859
- Weiss LM, Cushion MT, Didier E, Xiao L, Marciano-Cabral F, Sinai AP, Matos O, Calderon EJ, Kaneshiro ES. The 12th International Workshops on Opportunistic Protists (IWOP-12). *J Eukaryot Microbiol*. 23560871
- Wells JE, Browne MO, Aguilar-Gaxiola S, Al-Hamzawi A, Alonso J, Angermeyer MC, Bouzan C, Bruffaerts R, Bunting B, Caldas-de-Almeida JM, de Girolamo G, de Graaf R, Florescu S, Fukao A, Gureje O, Hinkov HR, Hu C, Hwang I, Karam EG, Kostyuchenko S, Kovess-Masf. Drop out from out-patient mental healthcare in the World Health Organization's World Mental Health Survey initiative. *Br J Psychiatry*. 23174514
- Werner G, Coque TM, Franz CM, Grohmann E, Hegstad K, Jensen L, van Schaik W, Weaver K. Antibiotic resistant enterococci-Tales of a drug resistance gene trafficker. *Int J Med Microbiol*. 23602510
- Wientzek A; Diaz MJ; Castano JM; Amiano P; Arriola L; Overvad K; Ostergaard JN; Charles MA; Fagherazzi G; Palli D; Bendinelli B; Skeie G; Borch KB; Wendel-Vos W; de HE; May AM; den Ouden ME; Trichopoulou A; Valanou E; Soderberg S; Franks PW; Brage S; Vigl M; Boeing H; Ekelund U. Cross-sectional associations of objectively measured physical activity, cardiorespiratory fitness and anthropometry in European adults. *Obesity (Silver Spring)*. 23804303
- Wühl E, van Stralen KJ, Verrina E, Bjerre A, Wanner C, Heaf JG, Zurriaga O, Hoitsma A, Niaudet P, Palsson R, Ravani P, Jager KJ, Schaefer F. Timing and outcome of renal replacement therapy in patients with congenital malformations of the kidney and urinary tract. *Clin J Am Soc Nephro*. 23085722
- Wyss A, Hashibe M, Chuang SC, Lee YC, Zhang ZF, Yu GP, Winn DM, Wei Q, Talamini R, Szeszenia-Dabrowska N, Sturgis EM, Smith E, Shangina O, Schwartz SM, Schantz S, Rudnai P, Purdue MP, Eluf-Neto J, Muscat J, Morgenstern H, Michaluart P Jr, Menezes A, Matos E, Mates IN, Lissowska J, Levi F, Lazarus P, La Vecchia C, Koifman S, Herrero R, Hayes RB, Franceschi S, Wünsch-Filho V, Fernandez L, Fabianova E, Daudt AW, Dal Maso L, Curado MP, Chen C, Castellsague X, de Carvalho MB, Cadoni G, Boccia S, Brennan P, Boffetta P, Olshan AF. Cigarette, cigar, and pipe smoking and the risk of head and neck cancers: pooled analysis in the International Head and Neck Cancer Epidemiology Consortium. *Am J Epidemiol*. 23817919
- Xu Y, Dadvand P, Barrera-Gómez J, Sartini C, Marí-Dell'Olmo M, Borrell C, Medina-Ramón M, Sunyer J, Basagaña X. Differences on the effect of heat waves on mortality by sociodemographic and urban landscape characteristics. *J Epidemiol Community Health*. 23443960
- Yebra G, de Mulder M and Holguín A. Description of HIV-1 group M molecular epidemiology and drug resistance prevalence

- in Equatorial Guinea from migrants in Spain. *PLoS One*. 23717585
- Yebera G, Holguín A, Pillay D, Hué S.. Phylogenetic and demographic characterization of HIV-1 transmission in Madrid, Spain. *Infect Genet Evol*. 23291408
- Yolanda López-del-Hoyo¹, Barbara Olivan¹, Juan V Luciano², Fermín Mayoral³, Miquel Roca⁴, Margalida Gili⁴, Eva Andres⁵, Antoni Serrano-Blanco², Francisco Collazo⁶, Ricardo Araya⁷, Rosa Baños^{8,10}, Cristina Botella^{9,10}, Rosa Magallón⁹ and Javier García-Campayo^{10*}. Low intensity vs. self-guided Internet-delivered psychotherapy for depression: a multicenter, controlled, randomized study. *BMC Psychiatry*. . 23312003
- Zamora E, Lupón J, de Antonio M, Vila J, Galán A, Gastelurrutia P, Urrutia A, Bayes-Genis A. Limited Value of Cystatin-C over Estimated Glomerular Filtration Rate for Heart Failure Risk Stratification. *PLoS ONE*. 23240006
- Zamora-Ros R, Ferrari P, González CA, Tjønneland A, Olsen A, Bredsdorff L, Overvad K, Touillaud M, Perquier F, Fagherazzi G, Lukanova A, Tikk K, Aleksandrova K, Boeing H, Trichopoulou A, Trichopoulos D, Dilis V, Masala G, Sieri S, Mattiello A, Tumino R, Ricceri F, Bueno-de-Mesquita HB, Peeters PH, Weiderpass E, Skeie G, Engeset D, Menéndez V, Travier N, Molina-Montes E, Amiano P, Chirlaque MD, Barricarte A, Wallström P, Sonestedt E, Sund M, Landberg R, Khaw KT, Wareham NJ, Travis RC, Scalbert A, Ward HA, Riboli E, Romieu I. Dietary flavonoid and lignan intake and breast cancer risk according to menopause and hormone receptor status in the European Prospective Investigation into Cancer and Nutrition (EPIC) Study. *Breast Cancer. Res Treat*.
- Zamora-Ros R, Forouhi NG, Sharp SJ, González CA, Buijssse B, Guevara M, van der Schouw YT, Amiano P, Boeing H, Bredsdorff L, Clavel-Chapelon F, Fagherazzi G, Feskens EJ, Franks PW, Gioni S, Katzke V, Key TJ, Khaw KT, Kühn T, Masala G, Mattiello A, Molina-Montes E, Nilsson PM, Overvad K, Perquier F, Quirós JR, Romieu I, Sacerdote C, Scalbert A, Schulze M, Slimani N, Spijkerman AM, Tjønneland A, Tormo MJ, Tumino R, van der A DL, Langenberg C, Riboli E, Wareham NJ.. The Association Between Dietary Flavonoid and Lignan Intakes and Incident Type 2 Diabetes in European Populations: The EPIC-InterAct Study. *Diabetes Care*. 24130345
- Zamora-Ros R, Knaze V, Luján-Barroso L, Romieu I, Scalbert A, Slimani N, Hjartåker A, Engeset D, Skeie G, Overvad K, Bredsdorff L, Tjønneland A, Halkjær J, Key TJ, Khaw KT, Mulligan AA, Winkvist A, Johansson I, Bueno-de-Mesquita HB, Peeters PH, Wallström P. Differences in dietary intakes, food sources and determinants of total flavonoids between Mediterranean and non-Mediterranean countries participating in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *Br J Nutr*. 22980437
- Zamora-Ros R, Knaze V, Romieu I, Scalbert A, Slimani N, Clavel-Chapelon F, Touillaud M, Perquier F, Skeie G, Engeset D, Weiderpass E, Johansson I, Landberg R, Bueno-de-Mesquita HB, Sieri S, Masala G, Peeters PH, Grote V, Huerta JM, Barricarte A, Amiano P, Crowe FL, Molina-Montes E, Khaw KT, Argüelles MV, Tjønneland A, Halkjær J, de Magistris MS, Ricceri F, Tumino R, Wirfält E, Ericson U, Overvad K, Trichopoulou A, Dilis V, Vidalis P, Boeing H, Förster J, Riboli E, González CA. Impact of thearubigins on the estimation of total dietary flavonoids in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *Eur J Clin Nutr*. 23612513
- Zamora-Ros R, Rothwell JA, Scalbert A, Knaze V, Romieu I, Slimani N, Fagherazzi G, Perquier F, Touillaud M, Molina-Montes E, Huerta JM, Barricarte A, Amiano P, Menéndez V, Tumino R, de Magistris MS, Palli D, Ricceri F, Sieri S, Crowe FL, Khaw KT, Wareham NJ. Dietary intakes and food sources of phenolic acids in the European Prospective Investigation into Cancer and Nutrition (EPIC) study. *Br J Nutr*. 23507418
- Zamora-Ros R; Fedirko V; Trichopoulou A; Gonzalez CA; Bamia C; Trepo E; Nothlings U; Duarte-Salles T; Serafini M; Bredsdorff L; Overvad K; Tjønneland A; Halkjaer J; Fagherazzi G; Perquier F; Boutron-Ruault MC; Katzke V; Lukanova A; Floegel A; Boeing H; Lagiou P; Trichopoulos D; Saieva C; Agnoli C; Mattiello A; Tumino R; Sacerdote C; Bueno-de-Mesquita HB; Peeters PM; Weiderpass E; Engeset D; Skeie G; Arguelles MV; Molina-Montes E; Dorronsoro M; Tormo MJ; Ardanaz E; Ericson U; Sonestedt E; Sund M; Landberg R; Khaw KT; Wareham NJ; Crowe FL; Riboli E; Jenab M. Dietary flavonoid, lignan and antioxidant capacity and risk of hepatocellular carcinoma in the european prospective investigation into cancer and nutrition (EPIC) study. *Int J Cancer*. 23649669
- Zamora-Ros R; Jimenez C; Cleries R; Agudo A; Sanchez MJ; Sanchez-Cantalejo E; Molina-Montes E; Navarro C; Chirlaque MD; Huerta JM; Amiano P; Redondo ML; Barricarte A; Gonzalez CA. Dietary flavonoid and lignan intake and mortality in a Spanish cohort. *Epidemiology*. 23881072
- Zapardiel I, Llorca J, Xercavins J, Schneider J; on behalf of the Spanish Society of Gynecology and Obstetrics (SEGO) ENSITU investigators. Variation among Spanish teaching hospitals in ductal carcinoma in situ treatment: results of a national survey. *Eur J Obstet Gynecol Reprod Biol*. 23993448
- Zareba P, Colaci DS, Afeiche M, Gaskins AJ, Jorgensen N, Mendiola J, Swan SH, Chavarro JE. Semen quality in relation to antioxidant intake in a healthy male population. *Fertil Steril*. 24094424
- Blood pressure control and management of very elderly patients with hypertension in primary care settings in Spain. *Hypertens Res*. 24089262
- Differences between office and 24-hour blood pressure control in hypertensive patients with CKD: A 5,693-patient cross-sectional analysis from Spain. *Am J Kidney Dis*. 23689071
- Influence of high cardiovascular risk in asymptomatic people on the duration and cost of sick leave: results of the ICARIA study.. *Eur Heart J*. 23641010
- The perspective from EASAC and FEAM on direct-to-consumer genetic testing for health-related purposes. *Eur J Hum Genet*. 23169492
- Usefulness of ambulatory blood pressure monitoring (ABPM) in daily clinical practice: Data from the Spanish ABPM registry. *Clin Exp Pharmacol Physiol*. 23710883

ciberesp

Centro de Investigación Biomédica en Red
Epidemiología y Salud Pública



ciber

Centro de Investigación Biomédica en Red (CIBER)
Instituto de Salud Carlos III
C/ Monforte de Lemos 3-5. Pabellón 11
28029 Madrid
www.ciberisciii.es