

General Information:

MEETING VENUE:

HOTEL SANTEMAR

Calle Joaquín Costa, 28,
39005 Santander,
Cantabria (Spain)
Phone: +34 942 272 900
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BADGE Identification badge will be necessary for admission to the scientific sessions and social events.

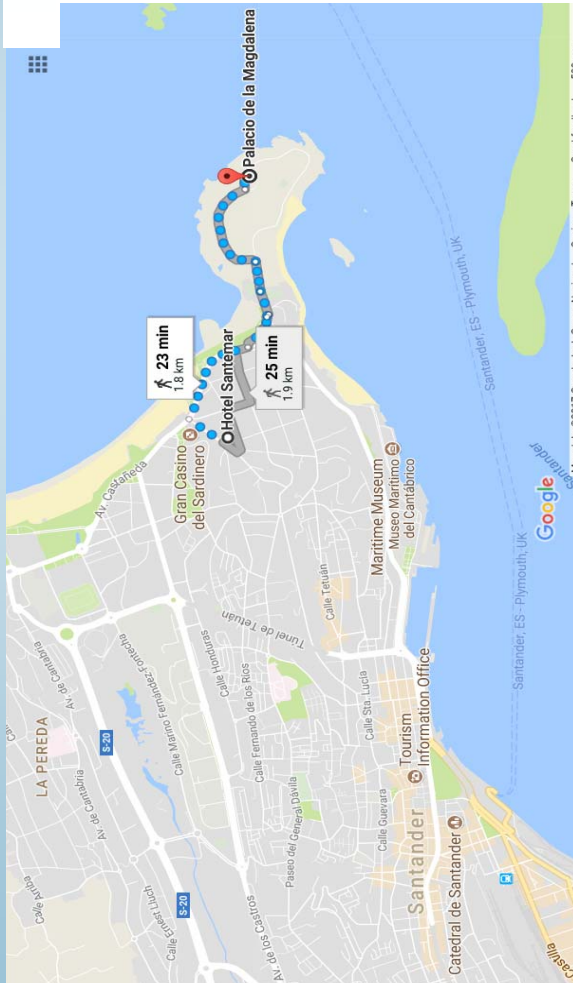
MEETING LANGUAGE:

English is the official language of the Meeting. All slides must be in English.

FEE INCLUDES:

- Access to all scientific sessions.
- Coffee and soft drinks in scheduled pauses.
- Dinner on Monday 13th in the Palace of *La Magdalena*.

Taxi Santander:
942 33 33 33



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CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED

BIOINGENIERÍA, BIOMATERIALES Y NANOMEDICINA

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**11th CIBER-BBN
ANNUAL CONFERENCE**
Santander, Nov. 13 – 14 2017

HOTEL SANTEMAR
Calle Joaquín Costa, 28, 39005 Santander

09:00	Registration
09:30	Opening <ul style="list-style-type: none"> • Ángel Pazos Carro. University of Cantabria Rector • M^a Luisa Real. Cantabria Regional Government's Minister of Health • Ramón Martínez Máñez. CIBER-BBN Scientific Director
10:15	SCIENTIFIC SESSION INFECTIOUS DISEASES <i>Chair: M. Pilar Marco</i> <ul style="list-style-type: none"> • Challenges in prevention of invasive pneumococcal disease and antibiotic resistance. José Enrique Yuste (National Microbiology Centre, ISCIII, CIBERES) • Challenges in development of antimicrobial strategies alternative to the use of conventional antibiotics. Junkal Garmendia (Agrobiotechnology Institute, CSIC) • The Perfect Storm: The Crisis of Antibiotics. Namomedicine in the era of Antibiotic Resistance. Joan Gavaldà (Vall d'Hebron Research Institute)
11:15	SCIENTIFIC SESSION CARDIOVASCULAR DISEASES <i>Chair: Pablo Laguna</i> <ul style="list-style-type: none"> • CIBERCV challenges in preclinical research: from the molecule to a porcine model. Borja Ibáñez (CNIC, CIBERCV) • CIBERCV challenges in clinical practice: from imaging-signals processing techniques to new therapies in regenerative medicine. Javier Bermejo (University General Hospital Gregorio Marañón, CIBERCV) • CIBERCV challenges in the identification and validation of biomarkers. Antonio Bayés- Genís (University Hospital Germans Trias i Pujol, CIBERCV) • Challenges of biomedical engineers in a Cardiology Unit. Francisco Alarcón (Clinical and Provincial Hospital of Barcelona, CIBERCV)
12:15	COFFE BREAK / Posters

13:00	NANBIOSIS <i>Chair: Jaume Veciana</i> <ul style="list-style-type: none"> • Past and Future of NANBIOSIS. Jaume Veciana (NANBIOSIS Scientific Director) • 3 Success stories <ul style="list-style-type: none"> * Success stories using an innovative approach to preclinical research. Francisco M. Sánchez Margallo (NANBIOSIS Deputy Scientific Director and CCMIJU Scientific Director) * PENTRI project: Synthesis and biological characterization of protein nanoparticles for the treatment of triple negative breast cancer. A joint effort of three NANBIOSIS Units (U1, U3 and U20). Ibane Abasolo (Scientific Coordinator of Unit 20: In vivo Experimental Unit) * Mimicking specific viral cell entry in the generation of protein-only nanoparticles targeting metastatic colon cancer stem cells. Symbiosis between U1 and U18 NANBIOSIS units. Neus Ferrer (Scientific Director of Unit 1: Protein Production Platform) • Translational Medicine: navigating the long and winding pathway to the patient. Anton Ussi (Operations & Finance Director for European Infrastructure for Translational Medicine -EATRIS)
14:30	LUNCH / Posters
16:00	NEW CIBER THEMATIC AREAS INSTITUTIONAL PRESENTATIONS <i>Chair: Ramón Martínez-Máñez</i> <ul style="list-style-type: none"> • CIBERONC (Oncology), Joaquín Arribas, CIBERONC Scientific Director • CIBERCV (Cardiovascular Diseases), Javier Bermejo, CIBERCV Scientific Deputy Director • CIBERFES (Fragility and Healthy Ageing), Adolfo Diez, CIBERFES Steering Committee Member
17:00	PARALLEL DEBATES FOR SCIENTIFIC SESSIONS (Infectious/Cardiovascular)
19:00	END
20:30	DINNER (Palace of la Magdalena)

9,30	PLENARY LECTURE 1 <i>Chair: Simó Schwartz</i> Regulatory Strategy. Navigating through the regulations. Xavier Luria, Drug Development & Regulation.
10,30	2018-2021 STRATEGIC PLAN PRESENTATION
11:30	COFFE BREAK / Posters
12:15	COLLABORATIVE PROJECTS WITH CIBERES and SEPAR (2nd edition) <i>Chair: Jordi Aguiló</i> <ul style="list-style-type: none"> • MICROCOPOD. 3D analysis of vascular architecture in emphysematous lungs using microcomputed tomography (microCT). Ignacio Ochoa • PVI-ANS-NCOG. Effects of an early neurocognitive intervention on patient-ventilator interaction and stress in critically ill patients receiving mechanical ventilation. David Hernando • TARMAC. New tools for the diagnosis and treatment of respiratory infectious diseases: pH-responsive matryoshka nanoparticles for an efficient and controlled intracellular delivery of oral antibiotics and gated nanoparticles for the detection of pathogenic microorganisms showing intracellular persistence. Elena Aznar and Manuel Arruebo
	COLLABORATIVE PROJECTS WITH IMIBIC <ul style="list-style-type: none"> • MICROANGIOTHECAN. A Biomimetic Microfluidic Device for the Development of Predictive Markers to Antiangiogenic Therapy in Cancer. Ignacio Ochoa
13:15	PLENARY LECTURE 2 <i>Chair: Julio San Román</i> Blue to Red Biotechnology: using macromolecules from marine origin in tissue engineering João Mano, University of Aveiro.
14:15	CLOSING
14:30	LUNCH / Posters
INTERNAL MEETINGS	
	<u>Monday 13th November</u>
18:00	NANBIOSIS SCIENTIFIC ADVISORY BOARD
19:30	
	<u>Tuesday 14th November</u>
16:30	CIBER-BBN SCIENTIFIC ADVISORY BOARDS / STEERING COMMITTEE MEETING
18:30	