

3D User Day:

Organoid Models in Oncology: Fundamentals, Applications, and Challenges

28 May 2026

**Auditori Dolors Aleu, Parc Científic de Barcelona, Baldri i Reixac, 4-8
08028 Barcelona**

9:30 - 9:35 - Welcome (Antonio Barbáchano)

9:35 - 9:55 - Organoids: fundamentals, applications and challenges – Antonio Barbáchano – Alberto Muñoz CIBER Group (CNB-CSIC)

9:55 - 10:20 - Organoids and colon cancer: from the laboratory to the clinic – Asunción Fernández-Barral – Alberto Muñoz CIBER Group (IIBM)

10:20 - 10:45 - Cell State Conversion as a Bypass to KRASG12D Pharmacologic Inhibition in Metastatic Colorectal Cancer - Alessia Centonze – Eduard Batlle CIBER Group (IRB)

10:45 - 11:10 - Stem cell and Organoid projects at the Tissue Engineering Unit - Laura Batlle- Head of Tissue Engineering Facility at CRG

11:10 - 11:35 - Organoid monolayers as a model to study intestinal epithelial dynamics – Carlos Pérez González - Jordi Guiu group, (IDIBELL)

11:35 – 12:10 – Coffee break

12:10 - 12:35 - Pancreatic Cancer Organoids: Challenges and Applications – Marta Celma – Cristina Fillat Group, (IDIBAPS)

12:35- 13:00 - Ovarian Cancer: the organoid perspective - Sara Bystrup - Jordi Barretina Group (IGTP)

13:00 – 13:25 - "Solutions for organoid culture". Raquel Matos. Scientific support Manager at Corning Life Science

13:25 – 14:00 - Interactive Session: Optimization and Technical Challenges

Organizadores:

Antonio Barbáchano, CNB, CSIC, Madrid

Elena Sancho, IRB, Barcelona

Asunción Fernández Barral, IIBM, CSIC-UAM, Madrid

Lluís Espinosa, HMRI, Barcelona