



Societat Catalana
de **BIOLOGIA**



IEC
Institut d'Estudis
Catalans

I Jornada de Biologia del Càncer

Molecular Mechanisms of Cancer

Organitzada per:
Secció de Biologia del Càncer de la SCB



PROGRAMA

Sala Prat de la Riba

Institut d'Estudis Catalans

Carrer del Carme, 47, Ciutat Vella, 08001 Barcelona

30 d'abril de 2026

COMITÈ ORGANITZADOR:

Aleix Bayona Feliu (UB Campus Diagonal)
Caroline Mauvezin (UB Campus Clínic)
Oscar Molina Campoy (UB Campus Bellvitge)
Sergi Cuartero (IJC Campus Can Ruti)
Francisco Barriga (VHIO)

SUPORT:

Mariàngels Gallego (SCB)
Paqui Lorite (SCB)

SPONSORS:





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Molecular Mechanisms of Cancer
Dijous 30 d'abril de 2026

08:30 - 09:00 Registration

09:00 - 09:30 Welcome and opening of the symposium
Cancer Biology Section: Committee and Objectives

09:30 - 10:00 *Opening lecture: Hble. Dra. Núria Montserrat*
Consellera de Recerca i Universitats, Govern de Catalunya

10:00 - 10:30 **Ari Melnick** (Director, IJC)
"Pathogenesis and Therapy of Immune system Cancers"

10:30 - 10:45 **Alba Maiques Diaz** (UB/FRCB-IDIBAPS/CIBERONC).
"Chronic Lymphocytic Leukemia hijacks the germinal center-specific transcription factor GFI1 to drive proliferation"

10:45 - 11:00 **Namitha Thampi** (IJC)
"Hyperdiploidy impairs fetal hematopoietic progenitor cell fitness and differentiation enabling persistence of rare preleukemic aneuploid clones"

11:00 - 11:30 **Coffee Break**

11:30 - 11:50 **Toni Celià-Terrassa** (IMIM)
"Targeting immune-evasive cell states in breast cancer metastasis"

11:50 - 12:10 **Talia Velasco-Hernández** (UB)
"Identification of novel therapeutic targets for acute myeloid leukemia stem cells"

12:10 - 12:30 **Mate Maus** (VHIO)
"Metabolic constraints in aging tissues link impaired regeneration to malignant clonal expansion"

12:30 - 12:45 **Júlia Migó-Aran** (UB/IDIBELL)
"S100A9 as a novel biomarker in tumor cell plasticity in advanced breast cancer"

12:45 - 13:00 **Anna Benito-Ferrer** (UPF/CRG)
"Nuclear Adenosine Metabolism Defines a Metabolic Vulnerability Unmasked by TP53 loss"

13:00 - 13:10 Sponsored presentation. **HaploX**.

13:10 - 13:20 Sponsored presentation. **Agilent**.

13:00 - 15:00 **Lunch**
Poster Session
Meet the companies Session



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- 15:00 - 15:20 **Alejandro Vaquero** (IJC)
"Distinct roles of SIRT7 enzymatic activities in immune response signaling and tumorigenesis"
- 15:20 - 15:40 **Alexandra Augustinova** (IRB)
"Integrative multimodal analysis reveals conserved molecular programs and identifies HGF/MET pathway as a therapeutic target in malignant rhabdoid tumors"
- 15:40 - 16:00 **Sandra Segura** (The Francis Crick Institute, UK)
"Replication stress tolerance in cancers that activate Alternative Lengthening of Telomeres"
- 16:00 - 16:15 **Alex Cebria-Xart** (IRB/IRSJD/UB)
"Multimodal single-cell and spatial profiling identifies HGF/MET pathway intervention as a vulnerability in malignant rhabdoid tumors"
- 16:15 - 16:30 **Josep Tarrago-Celada** (The Francis Crick Institute, UK)
"Targeting cystine addiction to treat breast cancer lung metastasis"
- 16:30 - 17:00 **Coffee Break**
- 17:00 - 17:30 **Jordi Surrallés** (Director, IR Sant Pau)
"The Fanconi anemia DNA repair pathway and cancer therapeutics"
- 17:30 - 18:00 **Isabel Fabregat** (IDIBELL)
"The TGF-beta pathway as a target to improve immunotherapy in hepatocellular carcinoma (HCC)"
- 18:00 - 18:30 Concluding remarks and future perspectives
Best oral communication and poster awards
- 18:30 - 20:00 **Networking & Cool-off session**

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