

**11:00 - 11:15 OPENING & ASEICA JOVEN SUMMARY**

Chairs: Ana Janic, Toni Celià-Terrassa, Juan Carlos López &amp; Alberto J. Schuhmacher

**11:15-12:30 SCIENTIFIC SESSIONS**

Chairs: Peio Azcoaga y Patricia Carnicero

**11:15-11:30 Unravelling FLASH radiotherapy mechanisms using 3D cancer Epithelioids**

David Fernandez Antoran, IIS-Aragon

**11:30-11:45 BEHAV3D Tumor Profiler to map heterogeneous cancer cell behavior in the tumor microenvironment**

Emilio Rios-Jimenez, Instituto de Investigaciones Biomédicas Sols-Morreale CSIC-UAM

**11:45-12:00 Spatial single-cell analysis of systemic breast cancer metastasis reveals immune mediators of multi-organ colonization**

Jacob Insua-Rodríguez, University of California, Irvine

**12:00-12:15 Precise control of autophagy in mitosis preserves genomic stability**

Caroline Mauvezin, Universitat de Barcelona

**12:15-12:30 CBLL1 gene as a novel biomarker of CMS2 tumors and its impact on the molecular stratification of colorectal patients based on survival analysis**

María Gloria Alfonsín Rey, Fundación Pública Galega de Investigación Biomédica INIBIC

**12:30-13:00 Café ☕****13:00-15:15 SCIENTIFIC SESSIONS**

Chairs: Ismael Perisé y Joanna López

**13:00-13:15 IKKa modulates metastatic activity by preventing tight junction stabilization and collective cell migration**

Daniel Alvarez, Hospital del Mar Research Institute

**13:15-13:30 Serine and Glycine deprivation promote stemness-related features in pancreatic cancer cells**

Beatriz Parejo-Alonso, IIS Aragón

**13:30-13:45 Dissecting astrocyte heterogeneity to improve the response to immune-based therapies in brain metastasis**

Neibla Priego, CNIO

**13:45-14:00 Two distinct epithelial to mesenchymal transition programmes control invasion and inflammation in segregated tumour cell populations**

Khalil Kass Youssef, Instituto de Neurociencias (CSIC)

**14:00-14:15 A genome-wide CRISPR/Cas9 loss-of-function screen to identify mechanisms of chemo- and radiotherapy resistance in head and neck squamous cell carcinomas**

Esperanza Pozo Agundo, Instituto de Investigación Sanitaria del Principado de Asturias (ISPA)

**14:15-15:45 Lunch 🍴**

Partners:



**15.45-17.00 SCIENTIFIC SESSIONS**

Chairs: Sara Manzano y Laura Nogués

**15:45-16:00 Regulatory Elements of Development License the Initiation of Cancer**

Luis Arnes, University of Copenhagen

**16:00-16:15 Lurbinectedin-Induced Transcriptional Reprogramming: A Pathway to Sensitise SCLC to Immunotherapy**

Joan Russo Cabrera, H120-CNIO

**16:15-16:30 The transcriptional landscape of metastatic hormone-naïve prostate cancer**

Isabel Mendizabal, CIC bioGUNE

**16:30-16:45 Harnessing chromosomal instability signatures for precision medicine**

Barbara Hernando, Centro Nacional de Investigaciones Oncológicas

**16:45-17:00 Brief exposure to nanomolar concentrations of cannabinoids promotes breast cancer cell differentiation and expands chemotherapy benefits**

María Salazar-Roa, Faculty of Biology, Complutense University

**17:00-17:45 KEYNOTE SPEAKER**

Chair: Verónica Torrano

**Isidro Cortés-Ciriano**, EMBL'S European Bioinformatics Institute, Cambridgeshire, UK

**17:45-18:00 CLOSING**

Chairs: Ana Janic, Toni Celià-Terrassa & Juan Carlos López

**20:00-22:00 SOCIAL NIGHT AT THE CANTERBURY TAVERN CLUB**

Partners:

