

#ASEICACongress

40
Years

aseica

ANNIVERSARY
CONGRESS

A Coruña, 14th to 16th November 2023

ONSITE CONGRESS

Venue:

EXPOCoruña

Juana Capdevielle, 2
15008 A Coruña

Organized by:

aseica

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D^a INÉS REY GARCÍA

MONDAY, NOVEMBER 13TH

20:00-22:00 **II MEETING "ASEICA JOVEN"**
Venue: La Olímpica - Alfredo Vicenti 39, A Coruña.
(Limited access. Registration required)

TUESDAY, NOVEMBER 14TH

09:15-09:30 **WELCOME AND INTRODUCTION**

Marisol Soengas, Centro Nacional de Investigaciones Oncológicas - CNIO, Madrid
Rafael López, Complejo Hospitalario Universitario de Santiago
Luis Paz-Ares, Hospital Universitario 12 de Octubre, Madrid

09:30-10:15 **OPENING LECTURE**

Chair: Arkaitz Carracedo, CIC bioGUNE, Derio
Metastasis-initiating cells and immune ecosystems
Joan Massagué, Memorial Sloan Kettering Cancer Center, New York

10:15-10:45 **REVISITING THE ASEICA HISTORY**

Chairs: María Muñoz Carretero, IIS Biodonostia, San Sebastián
Verónica Torrano, Universidad del País Vasco, Leioa
Round Table
Hernán Cortés-Funes, HC Marbella International Hospital
Rosario Perona, Centro Superior de Investigaciones Científicas - CSIC, Madrid
Xosé R. Bustelo, Centro de Investigación del Cáncer, Salamanca

10:45-11:15 **OPENING CEREMONY**

Marisol Soengas, Centro Nacional de Investigaciones Oncológicas - CNIO, Madrid
Rafael López, Complejo Hospitalario Universitario de Santiago

11:15-11:45 **Coffee Break** ☕

11:45-13:15 **SESSION 1 - NEW FRONTIERS IN TUMOUR DIAGNOSIS/IMAGING**

Chairs: Gema Moreno-Bueno, Universidad Autónoma de Madrid & Fundación MD Anderson, Madrid
Elías Campo, Hospital Clínic, Barcelona

11:45-12:10 **Mechanics of tumour-stroma interactions in colorectal cancer**
Xavier Trepap, Institute for Bioengineering of Catalonia - IBEC, Barcelona

TUESDAY, NOVEMBER 14TH

- 12:10-12:35 **Clinical impact of (epi)genomic perspective in lymphoid neoplasms**
Elías Campo, Hospital Clínic, Barcelona
- 12:35-13:00 **Molecular diagnosis of breast cancer: clinical implications**
Eva Ciruelos, Hospital Universitario 12 de Octubre, Madrid
- 13:00-13:15 **Challenges in diagnosis and imaging for biliary tract and neuroendocrine tumours**
Ángela Lamarca, Hospital Universitario Fundación Jiménez Díaz, Madrid

13:15-14:15 **Lunch ☺**

14:15-15:15 **POSTER DISCUSSION - EVEN**

15:15-16:45 **SESSION 2 – NEW MECHANISMS OF TUMOUR INITIATION AND PROGRESSION**

Chairs: Eugenio Santos, Centro de Investigación del Cáncer, Salamanca
Ana Cuenda, Centro Nacional de Biotecnología - CSIC, Madrid

- 15:15-15:40 **Impact of obesity in breast cancer pre-metastatic niche formation**
Héctor Peinado, Centro Nacional de Investigaciones Oncológicas - CNIO, Madrid
- 15:40-16:05 **Stem cells, immune evasion and metastasis in colorectal cancer**
Eduard Batlle, Institut de Recerca Biomèdica - IRB, Barcelona
- 16:05-16:30 **Mechanism based cancer therapy: resistance to therapy, therapy for resistance**
Mohamed Bentires-Alj, University of Basel & University Hospital Basel, Basel
- 16:30-16:45 **The role of endomembrane dynamics in preserving genetic stability**
Nuria Ferrándiz, Centro de Investigación del Cáncer - CIC, Salamanca

TUESDAY, NOVEMBER 14TH

16:45-17:25 FLASH TALKS

Chairs: Susana Puig, Hospital Clínic & Instituto de Investigaciones Biomédicas August Pi i Sunyer- IDIBAPS, Barcelona
Juan Rodríguez Vita, Centro de Investigación Príncipe Felipe-CIPF, Valencia

16:45-16:55 **Evaluation of somatic mutations in urine samples as a non-invasive method for the detection and molecular classification of endometrial cancer**

Laura Costas, Catalan Institute of Oncology (ICO) & Instituto de Investigación Biomédica de Bellvitge (IDIBELL), L'Hospitalet de Llobregat

16:55-17:05 **Translating imaging into insight: Can radiology and machine learning predict immunotherapy response in a multi-tumor landscape?**

Olivia Prior, Vall d'Hebron Institute of Oncology, Barcelona

17:05-17:15 **Study based on single-cell transcriptomic databases reveals the heterogeneity of the peri-tumor area of glioblastomas**

Olaya de Dios, Instituto de Salud Carlos III, Madrid

17:15-17:45 Coffee Break ☕

17:45-18:15 ENTREPRENEURSHIP: INNOVATION FROM THE BENCHSIDE

Chair: Roger Gomis, Institut de Recerca Biomèdica - IRB, Barcelona

Round Table

Eduard Batlle, Institut de Recerca Biomèdica - IRB, Barcelona

Marisol Quintero, Highlight Therapeutics, Valencia

Laura Soucek, Vall d'Hebron Instituto de Oncología - VHIO, Barcelona

María de la Fuente, Instituto de Investigación Sanitaria de Santiago de Compostela - IDIS

18:15-18:30 PHOTOGRAPHY CONTEST VOTING & AWARDS

18:30-19:30 MEET THE EXPERT ROUND TABLES

CAREER DEVELOPMENT IN AND OUTSIDE ACADEMIA

Women in science

Patricia Sancho, Instituto de Investigaciones Sanitarias - IIS Aragón, Zaragoza

Sharing patient specimens and datasets. The experience of RENACER

Manuel Valiente, Centro Nacional de Investigaciones Oncológicas - CNIO, Madrid

TUESDAY, NOVEMBER 14TH

Collaborative studies across countries

Mitchell Levesque, University of Zürich Hospital

The UK experience

Victoria Sanz-Moreno, The Institute of Cancer Research, London

What not to do in science

Xosé R. Bustelo, Centro de Investigación del Cáncer, Salamanca

Networking in and outside Spain

Eduard Batlle, Institut de Recerca Biomèdica - IRB, Barcelona

Team building and other soft skills

Arkaitz Carracedo, CIC bioGUNE, Derio

Clinical-translational research

Mohamed Bentires-Alj, University of Basel & University Hospital Basel, Bern

New approaches in targeted and immune therapies

Jon Zugazagoitia, Hospital Universitario 12 de Octubre, Madrid

From the bench to a biotech

Marisol Quintero, Highlight Therapeutics, Valencia

Foundations and non-for-profit associations

Marta Puyol, Fundación Científica AECC, Madrid

THE OPPORTUNITY TO INTERACT WITH THE SPEAKERS OF THE CONGRESS

Location: Floor 1

WEDNESDAY, NOVEMBER 15TH

09:00-10:45 **SESSION 3 - METASTASIS/TUMOUR EVOLUTION**

Chairs: Ángela Nieto, Conexión Cáncer – CSIC Coordinator & Instituto de Neurociencias de Alicante CSIC-UMH, Sant Joan d'Alacant
Joana Paredes, President of Portuguese Association for Cancer Research - ASPIC, Porto

09:00-09:25 **Innate immunity, inflammation and cancer**

Alberto Mantovani, Istituto Clinico Humanitas, Milán

09:25-09:50 **Integrating high-dimensional data in a clinical setting for precision oncology**

Mitchell Levesque, University of Zürich Hospital

WEDNESDAY, NOVEMBER 15TH

- 09:50-10:15 **Early tumour survival is dictated by nascent stromal niche**
María Pilar Alcolea, Wellcome-MRC Stem Cell Institute, University of Cambridge
- 10:15-10:30 **Multimomics evolution between primary and metastatic breast cancer**
Juan Miguel Cejalvo, Instituto de Investigación Sanitaria - INCLIVA, Valencia
- 10:30-10:45 **mtDNA variation drives oncogenesis**
Aurora Gómez-Durán, CiMUS - Universidad de Santiago de Compostela
- 10:45-11:15 Coffee Break ☕
- 11:15-13:15 **SESSION 4 - CANCER BEYOND THE TUMOUR CELL/ MICROENVIRONMENT /METABOLISM**
- Chairs:** Raúl V. Durán, Centro Andaluz de Biología Molecular y Medicina Regenerativa - CABIMER, Sevilla
Patricia Sancho, Instituto de Investigaciones Sanitarias - IIS Aragón, Zaragoza
- 11:15-11:40 **Organelles take centre stage: secretory, nuclear and mitochondrial dynamics in metastatic cancer cells**
Victoria Sanz-Moreno, The Institute of Cancer Research, London
- 11:40-12:05 **Strategies to challenge brain metastasis lethality in mice and human**
Manuel Valiente, Centro Nacional de Investigaciones Oncológicas - CNIO, Madrid
- 12:05-12:30 **Harnessing CAF metabolism to establish an anti-tumour stroma**
Sara Zanivan, CRUK Beatson Institute, Glasgow
- 12:30-12:45 **Mechanistic dissection of cancer-associated fibroblast's impact in cancer progression, dissemination and response to therapy**
Fernando Calvo, Instituto de Biomedicina y Biotecnología de Cantabria - IBBTEC, Santander
- 12:45-13:00 **Noncoding RNA roles in coordinating DNA replication and genomic stability**
Maite Huarte, Centro de Investigación Médica Aplicada - CIMA, Pamplona

WEDNESDAY, NOVEMBER 15TH

13:00-13:15 **Inflammation in Cachexia: A conflict not to resolve**
Juan Rodríguez Vita, Centro de Investigación Príncipe Felipe-CIPF,
Valencia
MasQueUnTrail-ASEICA AWARD 2022

13:15-14:15 **Lunch** ☺

14:15-15:15 **POSTER DISCUSSION - ODD**

15:15-16:50 **SESSION 5 - PRECISION MEDICINE**

Chairs: Angélica Figueroa, Instituto de Investigación Biomédica
de A Coruña - INIBIC, A Coruña

Alfredo Carrato, Catedrático Emérito de la Universidad de Alcalá
& Instituto Ramón y Cajal de Investigación Sanitaria - IRYCIS

15:15-15:40 **The challenge of precision oncology for new drug development**
Andrés Cervantes, Instituto de Investigación Sanitaria - INCLIVA
& Hospital Clínico Universitario de Valencia. President of European
Society of Medical Oncology – ESMO.

15:40-16:05 **Personalization of neoadjuvant immunotherapy in melanoma -
the next steps to go**
Christian Blank, The Netherlands Cancer Institute, Amsterdam

16:05-16:20 **Precision oncology in prostate cancer**
Elena Castro, Hospital Universitario 12 de Octubre, Madrid

16:20-16:35 **Advanced Molecular characterisation in relapsed and refractory
paediatric acute leukaemia**
Antonio Pérez-Martínez, Hospital Universitario La Paz, Madrid

16:35-16:50 **Opportunities for precision medicine from spatial transcriptomics**
Eduard Porta-Pardo, Instituto de Investigación Contra la Leucemia
Josep Carreras, Barcelona
FERO-ASEICA AWARD 2022

16:50-17:45 **FLASH TALKS**

Chairs: Juan Carlos López, Instituto de Investigaciones Biomédicas
Alberto Sols - IIBM, Madrid

Fernando Torres, Instituto de Investigación Biomédica de A Coruña - INIBIC

16:50-17:00 **Nanotechnology for enabling intracellular antibody-based
therapies: Unlocking high-value oncotargets, spotlight on
STAT3 and KRAS**

Lucía Sanjurjo, Health Research Institute of Santiago de Compostela -IDIS

WEDNESDAY, NOVEMBER 15TH

- 17:00-17:10 **A vascular-restricted, tumor-induced neutrophil population drives vascular occlusion, pleomorphic necrosis, and metastasis**
José Adrover, Johns Hopkins University, Baltimore
- 17:10-17:20 **A zebrafish model of MYC-driven acute myeloid leukemia reveals that neutrophil resistance to oncogenic transformation depends on their ability to promote MYC proteasomal degradation**
Anna María Luciano, University of Murcia
- 17:20-17:30 **High-plex co-detection of RNA and protein to explore tumor-immune interactions utilizing RNA scope with imaging mass cytometry**
Ernesto Marcos López, Standard Biotoools SARL, Paris
- 17:45-18:15 **Coffee Break** ☕
- 18:15-19:30 **ASEICA GENERAL ASSEMBLY. LOOKING INTO THE FUTURE**

21:00 **Congress Dinner** 🍷

Venue: OCEÁNICO - Paseo Rda., 57, 15003 A Coruña
(Registration required. Limited seats)

THURSDAY, NOVEMBER 16TH

- 09:00-10:45 **SESSION 6 - CANCER IMMUNE MODULATION AND IMMUNOTHERAPY**
Chairs: Anna Bigas, Hospital del Mar Research Institute, CIBERONC, Instituto de Investigación Contra la Leucemia Josep Carreras, Barcelona
Ignacio Durán, Hospital Universitario Marqués de Valdecilla & IDIVAL, Santander
- 09:00-09:25 **Evolving role of immunotherapy in lung cancer**
Luis Paz-Ares, Hospital Universitario 12 de Octubre, Madrid
- 09:25-09:50 **Next Generation T cell-redirecting strategies for enhanced and safer cancer immunotherapy**
Luis Álvarez-Vallina, Centro Nacional de Investigaciones Oncológicas - CNIO, Madrid

THURSDAY, NOVEMBER 16TH

- 09:50-10:15 **Challenging the future of cancer through cell-engineered immunotherapy: the great opportunity derived from CAR-T cells**
Manel Juan, Hospital Clínic, Barcelona
- 10:15-10:30 **Genetic immune escape alterations and their impact on responses to Immune Checkpoint Inhibitors**
Francisco Martínez Jiménez, Vall d'Hebron Instituto de Oncología - VHIO, Barcelona
- 10:30-10:45 **Targeting cytokine signalling in the tumour microenvironment to improve the treatment of metastatic breast cancer**
María Muñoz Cañal, IIS Biodonostia, San Sebastián
- 10:45- 11:00 **Low-Dose irradiation to revert a T-cell non-inflamed tumour microenvironment**
María Ochoa de Olza, Hospital Universitari Germans Trias i Pujol, Institut Català d'Oncologia, Badalona

11:00-11:30 **FLASH TALKS**

Chair: María D. Mayán, Instituto de Investigación Biomédica de A Coruña - INIBIC

- 11:00-11:10 **Chromosome 9p21.3 coordinates cell intrinsic and extrinsic tumor suppression**
Francisco Barriga, Vall d'Hebron Institute of Oncology, Barcelona
- 11:10-11:20 **MV130 as a new innate memory-based mucosae vaccine against cancer**
Carlos del Fresno, Hospital La Paz Institute for Health Research - IdiPAZ, Madrid
- 11:20-11:30 **Local delivery of toll-like receptor (TLR)-3/7/8 agonists eradicates tumors that avoid antigen presentation through lack of MHC-I in NSCLC models**
Maeva Houry, Fundación para la Investigación Médica Aplicada - FIMA, Pamplona

11:30-12:00 **Coffee Break ☕**



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AUSPICES



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