

#ASEICACongress



# 40 Years ASEICA ANNIVERSARY CONGRESS

A Coruña, 14<sup>th</sup> to 16<sup>th</sup> November 2023

ONSITE CONGRESS

Venue:

**EXPOCoruña**

Juana Capdevielle, 2  
15008 A Coruña

Organized by:

**aseica**

## ORGANISING COMMITTEE

XOSÉ BUSTELO  
ARKAITZ CARRACEDO  
TONI CELIÀ-TERRASSA  
MIGUEL FERNÁNDEZ DE SANMAMED  
RAFAEL LÓPEZ  
MARÍA MAYÁN  
GEMA MORENO-BUENO  
MARISOL SOENGAS

## SCIENTIFIC COMMITTEE

ANA CUENDA  
IGNACIO DURÁN  
ANA JANIC  
ANA MONFORT  
LUIS PAZ-ARES  
ALEIX PRAT  
SUSANA PUIG  
PATRICIA SANCHO  
FERNANDO TORRES

## HONOR COMMITTEE

PRESIDENTA DE HONOR  
**SU MAJESTAD LA REINA**  
DOÑA LETIZIA  
EXCMO. SR. PRESIDENTE DE LA XUNTA DE GALICIA  
D. ALFONSO RUEDA VALENZUELA  
EXCMO. SR. CONSEJERO DE SANIDAD DE LA XUNTA DE GALICIA  
D. JULIO GARCÍA COMESAÑA  
EXCMA. SRA. ALCALDESA DEL AYUNTAMIENTO DE A CORUÑA  
Dª INÉS REY GARCÍA

MONDAY, NOVEMBER 13<sup>TH</sup>20:00-22:00 **II MEETING “ASEICA JOVEN”**

Venue: La Olímpica - Alfredo Vicenti 39, A Coruña.  
(Limited access. Registration required)

TUESDAY, NOVEMBER 14<sup>TH</sup>09:15-09:30 **WELCOME AND INTRODUCTION**

Marisol Soengas, Centro Nacional de Investigaciones Oncológicas - CNIO,

Madrid

Rafael López, Complexo 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 Caffarel, 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, Complexo 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 Trepat, Institute for Bioengineering of Catalonia - IBEC, Barcelona

TUESDAY, NOVEMBER 14<sup>TH</sup>

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 Ferrández, Centro de Investigación del Cáncer - CIC, Salamanca

TUESDAY, NOVEMBER 14<sup>TH</sup>

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 - VHHIO, 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 14<sup>TH</sup>

**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 15<sup>TH</sup>

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 15<sup>TH</sup>

- 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 **Multiomics 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 15<sup>TH</sup>

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 15<sup>TH</sup>

- 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 Biotechs SRL, 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 16<sup>TH</sup>

### 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 16<sup>TH</sup>

- 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 - VHI, Barcelona
- 10:30-10:45 **Targeting cytokine signalling in the tumour microenvironment to improve the treatment of metastatic breast cancer**  
María Muñoz Caffarel, 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** ☕



**THURSDAY, NOVEMBER 16<sup>TH</sup>**

**12:00-12:30 JOINING EFFORTS TO PROMOTE RESEARCH**

**YOUNG INVESTIGATOR AWARDS**

**Presented by:** Toni Celià-Terrassa, Institut Hospital del Mar d'Investigacions Mèdiques - IMIM, Barcelona

**IV FERO-ASEICA AWARD 2023**

**V +QueUnTrail-ASEICA AWARD 2023**

**12:30-12:45 CONGRESS AWARDS: POSTERS & TALKS**

**AWARDS TO THE BEST POSTER & BEST FLASH TALK**

**Presented by:** Ana Janic, Universidad Pompeu Fabra, Barcelona  
Miguel Fernández de Sanmamed, Centro de Investigación Médica Aplicada - CIMA, Pamplona

**BEST FLASH TALK AWARD**

Sponsored by **EACR** European Association for Cancer Research

**HONORARY MEMBERS**

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

**12:45-13:30 CLOSING LECTURE**

**Chair:** Luis Paz-Ares, Hospital 12 de Octubre, Madrid

**Targeting KRAS signalling**

Mariano Barbacid, Centro Nacional de Investigaciones Oncológicas - CNIO, Madrid

Sponsored by **EACR** European Association for Cancer Research

**13:30-13:45 CLOSING AND FAREWELL**

Marisol Soengas, Centro Nacional de Investigaciones Oncológicas - CNIO, Madrid

Gema Moreno-Bueno, Universidad Autónoma de Madrid & Fundación MD Anderson, Madrid

Maria D. Mayán, Instituto de Investigación Biomédica de A Coruña - INIBIC

**GOLD**



Bristol Myers Squibb™

**SILVER**



**BRONZE**



**COLLABORATORS**



**LOCAL COLLABORATORS**



**INSTITUTIONAL COLLABORATORS**



**AUSPICES**



Fundación para la  
Educación y la  
Carrera de la  
Oncología



Fundación  
para un futuro  
sin cáncer



SECRETARÍA TÉCNICA:

tactics