

SAVE THE DATE

# 18<sup>th</sup> ASEICA INTERNATIONAL CONGRESS

SANTIAGO DE COMPOSTELA

16<sup>th</sup> to 18<sup>th</sup> of November 2022

ONSITE CONGRESS

#ASEICACongress

**Venue:**

Facultade de Medicina e Odontoloxía · Faculty of Medicine and Dentistry  
Salón de Actos · Auditorium  
Rúa de San Francisco, s/n. Santiago de Compostela

Organized by:

aseica

## TUESDAY, 15<sup>th</sup> NOVEMBER

19:00-21:00 | **REUNIÓN DE ASEICA JOVEN**

(Venue: Espacio Riquela, Santiago de Compostela)

## WEDNESDAY, 16<sup>th</sup> NOVEMBER

9:30-9:45 **WELCOME AND INTRODUCTION**

**Luis Paz-Ares**, Hospital Universitario 12 de Octubre, Madrid

**Rafael López López**, Complejo Hospitalario Universitario de Santiago

9:45-10:30 **OPENING LECTURE**

Chair: **Marisol Soengas**, Centro Nacional de Investigaciones Oncológicas-CNIO, Madrid

09:45-10:30 **Function-based genomics to combat immunotherapy resistance**

**Daniel Peeper**, Netherlands Cancer Institute, Amsterdam

10:30-12:05 **SESSION 1: AI AND MACHINE LEARNING/OMICS**

Chairs: **Angélica Figueroa**, Instituto de Investigación Biomédica de A Coruña (INIBIC)

**Patricia Sancho**, Instituto de Investigación Sanitaria Aragón

10:30-11:00 **TBC**

**Raúl Rabadán**, Columbia University, New York (USA)

11:00-11:25 **Signatures for cancer prognosis based on machine learning**

**José Antonio Seoane**, Vall d'Hebron Instituto de Oncología, Barcelona

11:25-11:50 **Understanding tumour evolution with single-cell DNA sequencing**

**David Posada**, CINBIO, Universidade de Vigo

11:50-12:05 **Oral Communication**

12:05-12:30 **Poster viewing and coffee break**

12:30-13:15 **KEYNOTE LECTURE**

Chairs: TBC

12:30-13:15 **From stem cell biology to cancer therapeutics**

**Anna Bigas**, Institut Hospital de la Mar d'Investigacions Mèdiques (IMIM),  
Barcelona

13:15-14:15 **Poster discussion (even numbers)**

14:15-15:15 **Lunch**

15:15-17:15 **SESSION 2: TUMOUR CELL DORMANCY AND PLASTICITY**

Chairs: **Ana Janic**, Universitat Pompeu Fabra, Barcelona

**Daniel Peeper**, Netherlands Cancer Institute, Amsterdam

15:15-15:45 **Immunity in context: Tissue-specific innate immune barriers to metastasis**

**Ana Luisa Correia**, Champalimaud Foundation, Lisboa (Portugal)

15:45-16:10 **Modulating cell dormancy to overcome cancer persistence**

**Héctor García Palmer**, Vall d'Hebron Institut d'Oncologia, Barcelona

- 16:10-16:35 **Biomaterials in cancer dormancy and metastasis**  
Amaia Cipitria, Biodonostia Health Research Institute, San Sebastián
- 16:35-17:00 **Towards mechanism-based combination therapies: Understanding tumor evolution during therapy response and resistance**  
Anna Christina Obenauf, Research Institute of Molecular Pathology, Vienna (Austria)
- 17:00-17:15 **Oral Communication**
- 17:15-17:45 **Coffee break**
- 17:45-18:15 **Flash talks**
- 18:15-19:15 **Poster discussion (odd numbers)**

## THURSDAY, 17<sup>th</sup> NOVEMBER

### 9:00-11:00 SESSION 3: TUMOUR- MICROENVIRONMENT CROSSTALK

Chairs: TBC

**Miguel Fernández de Sanmamed**, Centro de Investigación Médica Aplicada (CIMA), Pamplona

- 09:00-09:30 **Studying melanoma evolution one cell at the time**  
Jean-Christophe Marine, VIB - KU Leuven Center for Cancer Biology (Belgium)
- 09:30-9:55 **Deciphering mechanisms of response and resistance to treatments in luminal breast tumours**  
Antoni Hurtado, Centro de Investigación del Cáncer, Salamanca
- 9:55-10:20 **Neoplastic co-option of epigenetic plasticity and epithelial-immune interactions**  
Direna Alonso, Institut de Recerca Biomèdica, Barcelona  
FERO ASEICA 2021 award
- 10:20-10:45 **Decoding the role of the tumour microenvironment in immune evasion and therapeutic resistance through multi-dimensional spatial analysis and data integration**  
Kurt Schalper, Yale School of Medicine, New Haven (USA)

10:45-11:00 **Oral Communication**

11:00-11:30 **Poster viewing and coffee break**

### 11:30-13:30 SESSION 4: IMAGING AND MONITORING TUMOUR BURDEN

Chairs: **Fernando Calvo**, Instituto de Biomedicina y Biotecnología de Cantabria (IBBTEC), Santander

**Kurt Schalper**, Yale School of Medicine, New Haven (USA)

- 11:30-12:00 **Intravascular cues shape tumor metastasis**  
Jacky G. Goetz, Centre de Recherche en Biomédecine de Strasbourg (France)
- 12:00-12:25 **Multiscale microscopy to understand systemic cancer immunotherapy**  
Bettina Weigelin, University of Tübingen (Germany)

12:25-12:50 **Multi-dimensional imaging of breast tumour initiation: how does healthy tissue structure prevent tumour formation?**

**Colinda Scheele**, Katholieke Universiteit Leuven (Belgium)

12:50-13:15 **Artificial intelligence-based radiomics and liquid biopsy as tools to identify minimal residual disease and develop a targeted approach to colorectal cancer**

**Noelia Tarazona**, Instituto de Investigación Sanitaria INCLIVA, Valencia

13:15-13:30 **Oral Communication**

13:30-15:00 **Poster viewing and lunch**

15:00-17:15 **SESSION 5: PRECISION IMMUNOTHERAPY**

**Chairs: Mónica Álvarez Fernández**, Instituto de Investigación Sanitaria del Principado de Asturias (ISPA), Oviedo

**Jon Zugazagoitia**, Hospital Universitario 12 de Octubre, Madrid

15:00-15:45 **Identifying new immunotherapeutic strategies by studying checkpoint blockade resistance**

**Thomas F. Gajewski**, University of Chicago Medicine (USA)

15:45-16:10 **Increased proteasome activity defines exhausted T cells in the tumour microenvironment**

**Asís Palazón**, CIC bioGUNE, Derio

16:10-16:35 **CAR-T for the treatment of non-Hodgkin's lymphomas**

**Maria Liz Paciello**, Hospital Universitario 12 de Octubre, Madrid

16:35-17:00 **Molecular triggers of the abscopal effect by radiotherapy**

**María Rodríguez-Ruiz**, Clínica Universidad de Navarra, Pamplona

17:00-17:15 **Oral Communication**

17:15-17:45 **Coffee break**

17:45-18:30 **SPECIAL LECTURES from AECC, Cris Contra el Cáncer and FERO awardees**

**Chairs: Maria Caffarel**, IIS Biodonostia, San Sebastián

**Toni Celià-Tarrassa**, Institut Hospital del Mar d'Investigacions Mèdiques, Barcelona

18:30-19:45 **ASEICA ASSEMBLY**

## FRIDAY, 18<sup>th</sup> NOVEMBER

9:00-10:20 **SESSION 6: NEW FRONTIERS IN TREATMENT/PRECISION MEDICINE (I)**

**Chairs: Elena Castro**, Instituto de Investigación Biomédica de Málaga

**Clara Montagut**, Institut Hospital del Mar d'Investigacions Mèdiques, Barcelona

09:00-09:30 **Impact of the tumour microenvironment on immunotherapy**

**Joan Seoane**, Vall d'Hebron Instituto de Oncología, Barcelona

09:30-9:55

TBC

**Santiago Ponce**, Institut Gustave Roussy, Villejuif (France)

9:55-10:20

**A journey towards the identification of novel therapeutical strategies for advanced cholangiocarcinoma with IDH1 mutations**

**Tian Tian**, Vall d'Hebron Institut d'Oncologia, Barcelona

10:20-10:45 **Poster viewing and coffee break**

10:45-12:05 **SESSION 6: NEW FRONTIERS IN TREATMENT/PRECISION MEDICINE (II)**

**Chairs: Elena Castro**, Instituto de Investigación Biomédica de Málaga

**Clara Montagut**, Institut Hospital del Mar d'Investigacions Mèdiques, Barcelona

10:45-11:10

**Uncovering the role of Flavin-containing monooxygenase 4 in lung adenocarcinoma: a new protector against oxidative damage**

**Antonio Maraver**, Institut de Recherche en Cancérologie de Montpellier (France)

11:10-11:35

**New mechanisms of action in the treatment of lung cancer: Bispecific antibodies and their relationship with the immune response**

**Antonio Calles**, Hospital General Universitario Gregorio Marañón, Madrid

11:35-11:50

**Oral Communication**

11:50-12:30 **ASEICA AWARDS:**

**Premio ASEICA de Investigación en Cáncer**

**Premio ASEICA Mujer**

**Premio ASEICA al talento del Investigador Clínico Joven**

**Premio ASEICA al talento del Investigador Clínico Básico Joven**

**Premio ASEICA al Compromiso Social**

12:30-12:45 **RESEARCH GRANTS: FERRO-ASEICA and +QUEUNTRAIL-ASEICA**

12:45-13:00 **AWARDS FOR THE BEST POSTER AND ORAL COMMUNICATION**

13:00-13:45 **CLOSING LECTURE**

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

11:50-12:35 **Cell plasticity trajectories in tumour evolution**

**Ángela Nieto**, Instituto de Neurociencias (CSIC-UMH), Sant Joan d'Alacant

13:45-14:00 **CLOSING and FAREWELL**

**Luis Paz-Ares**, Hospital Universitario 12 de Octubre, Madrid

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

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Passatge Batlló 15, 08036 Barcelona 93 451 17 24 info@tacticsmd.net www.tacticsmd.net