



3<sup>rd</sup>

**ASEICA**  
**EDUCATIONAL**  
**SYMPOSIUM**

**23<sup>rd</sup> to 25<sup>th</sup> of November, 2021**

**LIVE STREAMING SESSIONS**

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VIRTUAL PLATFORM WITH ACCESS TO ON-DEMAND  
CONFERENCES AND LIVE STREAMING DEBATES



**#ASEICAEducationalSymposium**

Organized by:

**aseica**

## SCIENTIFIC COORDINATORS

Luis Paz-Ares | Xosé R. Bustelo | Marisol Soengas | Gema Moreno-Bueno

## SCIENTIFIC COMMITTEE

Carlos Camps | Toni Celià- Terrassa | Ana Isabel Cuenda | Ignacio Durán  
Miguel Fernández de Sanmamed | Roger Gomis | Rafael López López  
María Muñoz Caffarel | Verónica Torrano Moya

## SCIENTIFIC PROGRAM

 TUESDAY, 23<sup>rd</sup> NOVEMBER

14:00 - 14:15 **WELCOME**  
Luis Paz-Ares. Hospital Universitario 12 de Octubre, Madrid

### 14:15 - 15:45 SESSION 1: NEW TARGETS INSIGHTS

#### Chairs:

Piero Crespo. Instituto de Biomedicina y Biotecnología de Cantabria (IBBTEC), Santander

Patricia Sancho. Instituto de Investigación Sanitaria de Aragón, Zaragoza

14:15 - 14:35 **Talk 1. Beyond metabolism & Mitochondria**  
Ayelet Erez. Weizmann Institute of Science, Rehovot

14:35 - 14:45 Discussion

14:45 - 15:05 **Talk 2. Strategies to discover molecular glue degraders at scale**  
Cristina Mayor-Ruiz. Instituto de Investigación Biomédica, Barcelona

[FERO ASEICA 2020 award](#)

15:05 - 15:15 Discussion

 TUESDAY, 23<sup>rd</sup> NOVEMBER

15:15 - 15:35 **Talk 3. New targets from the lab to the clinic: early drug development**

Lillian Siu. Princess Margaret Cancer Centre, Toronto

15:35 - 15:45 Discussion

15:50 - 16:10 **Discussion about SATELLITE CAPSULE “Palbociclib biomarker analysis: Any findings from clinical trials”**

Chair: Ignacio Durán. Hospital Universitario Marqués de Valdecilla, Santander

Speaker: Dra. Mireia Margelí Vila, Hospital ICO Badalona

16:20 - 17:05 **PLENARY LECTURE: REPROGRAMMING / SENOLYTICS**

Chair: José Carlos Reyes. Centro Superior de Investigaciones Científicas, Sevilla

Speaker: Manuel Serrano. Instituto de Investigación Biomédica, Barcelona

16:50 - 17:05 Discussion

17:15 - 18:50 **SESSION 2: CANCER MICROENVIRONMENT**

**Chairs:**

Victoria Sanz-Moreno. Cancer Research UK Senior Fellow and Cancer Research UK Werth Trust Fellow, London

Laura Soucek. Hospital Universitari Vall d'Hebron, Barcelona

17:15 - 17:35 **Talk 1. Inflammation as a cancer therapy target**

Miguel Fernández de Sanmamed. Clínica Universidad de Navarra, Pamplona

17:35 - 17:45 Discussion

17:45 - 18:05 **Talk 2. Tissue-resident macrophages provide a pro-tumorigenic niche to early NSCLC cells**

Maria Casanova-Acebes. Centro Nacional de Investigaciones Oncológicas, Madrid

18:05 - 18:15 Discussion

18:15 - 18:35 **Talk 3. How to defuse a CAF bomb: Cancer-associated fibroblasts as an alternative anticancer therapy**

Fernando Calvo. Instituto de Biomedicina y Biotecnología de Cantabria, Santander

18:35 - 18:45 Discussion

WEDNESDAY, 24<sup>th</sup> NOVEMBER

14:00 - 15:30 **SESSION 1: PERSONALIZED MEDICINE**

**Chairs:**

José Tubío. Centro de Investigación CiMUS, Santiago de Compostela  
Guillermo de Velasco. Hospital Universitario 12 de Octubre, Madrid

14:00 - 14:20 **Talk 1. AI image diagnosis**

Raquel Pérez López. Hospital Universitari Vall d'Hebron, Barcelona

14:20 - 14:30 Discussion

14:30 - 14:50 **Talk 2. Intratumor Heterogeneity /clonal evolution**

Holger Heyn. Barcelona Institute of Science and Technology (BIST)

14:50 - 15:00 Discussion

15:00 - 15:20 **Talk 3. Beyond Phase I - Trials**

Ignacio Dolado. Global Medical Leader Oncology at Roche - Basel

15:20 - 15:30 Discussion

15:40 - 16:25 **PLENARY LECTURE: HIGH DOSE VITAMIN C AND INACTIVATION OF DNA REPAIR BOOST CANCER IMMUNOTHERAPY**

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

**Speaker:** Alberto Bardelli. University of Torino- Candiolo Cancer Institute

16:10 - 16:25 Discussion

16:35 - 18:05 **SESSION 2: IMMUNOMODULATION AND CANCER**

**Chairs:**

Ana Cuenda. Centro Nacional de Biotecnología - CSIC, Madrid

Joan Seoane. ICREA-Vall d'Hebron Institut d'Oncologia, Barcelona

16:35 - 16:55 **Talk 1. Immune profiling**

Jon Zugazagoitia. Hospital Universitario 12 de Octubre, Madrid

16:55 - 17:05 Discussion

17:05 - 17:25 **Talk 2. Microbiome**

Jennifer Wargo. The University of Texas MD Anderson Cancer Center, Houston

17:25 - 17:35 Discussion

WEDNESDAY, 24<sup>th</sup> NOVEMBER

17:35 - 17:55 **Talk 3. T Cell Adaptive Therapy as a next-generation anticancer treatment**

Alena Gros. Vall d'Hebron Institute of Oncology, Barcelona

17:55 - 18:05 Discussion

18:10 - 18:25 **Presentation ASEICA YOUNG**

María Muñoz Caffarel. IIS Biodonostia

Verónica Torrano. Universidad del País Vasco (UPV/EHU), Leioa

18:35 - 19:20 **ORAL COMMUNICATIONS SESSION AND AWARDS FOR THE BEST COMMUNICATIONS (ORAL & POSTER)**

**Chairs:**

Mariona Chicón-Bosch. Institut d'Investigació Biomèdica de Bellvitge, L'Hospitalet de Llobregat

Samuel Gonçalves-Ribeiro. Vall d'Hebron Institute of Oncology, Barcelona

18:35 - 18:40 **Best Poster Award**

18:40 - 18:45 **Nanomedicines loaded with poly(I:C) and/or resiquimod to reprogram tumor-associated macrophages for the treatment of lung cancer**

Fernando Torres Andón. Universidade de Santiago de Compostela

18:45 - 18:50 Discussion

18:50 - 18:55 **Characterization of CD44v6 and STn as potential targets for newly engineered antibody-based immunotherapy**

Iris Ariadna Maria Lodewjik. Fundación de Investigación Biomédica Hospital 12 de Octubre - CIEMAT, Madrid

18:55 - 19:00 Discussion

19:00 - 19:05 **In-depth study of the murine tumor associated myeloid populations by high-throughput proteomic analysis for myeloid cell reprogramming in cancer**

Ester Blanco. Navarrabiomed, Pamplona

19:05 - 19:10 Discussion

 **WEDNESDAY, 24<sup>th</sup> NOVEMBER**

- 19:10 - 19:15 **Unveiling the role of ARID1A in lung adenocarcinoma**  
Paola Peinado. Universidad de Granada
- 19:15 - 19:20 Discussion
- 19:20 - 19:25 **Popular vote for the Best Oral Communication**
- 19:25 - 19:30 **Best Oral Communication Award**

 **THURSDAY, 25<sup>th</sup> NOVEMBER**

9:00 - 9:45 **PLENARY LECTURE: DECIPHERING THE HIGHLY COMPLEX HLA PEPTIDOMIC LANDSCAPE IN MELANOMA**

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

**Speaker:** Yardena Samuels. Weizmann Institute of Science, Rehovot

Session supported by  **EACR** European Association  
for Cancer Research

9:35 - 9:45 Discussion

9:55 - 10:55 **SPECIAL LECTURES from AECC - Cris contra el cancer and FERÒ awardees**

**Chairs:**

Arkaitz Carracedo. CIC bioGUNE, Derio

Toni Celià-Terrassa. Hospital del Mar Medical Research Institute, Barcelona

9:55 - 10:10 **Lineage tracing stem cell heterogeneity - from aging to cancer**

Alejo Rodríguez Fraticelli. Instituto de Investigación Biomédica, Barcelona

Session supported by



10:10 - 10:15 Discussion

 THURSDAY, 25<sup>th</sup> NOVEMBER

10:15 - 10:30 **Rag GTPase signaling as a metabolic driver of B cell lymphoma**  
Alejo Efeyan. Centro Nacional de Investigaciones Oncológicas, Madrid

Session supported by  asociación  
española  
contra el cáncer

10:30 - 10:35 Discussion

10:35 - 10:50 **Circadian Rythm, Liver Cancer and beyond**  
Antonia Tomás-Loba. Universidad de Murcia

Session supported by  fundación  
fero | Investigación  
por un futuro  
sin cáncer

10:50 - 10:55 Discussion

### 11:05 - 11:25 ANNOUNCEMENT OF RESEARCH AWARDS

11:05 - 11:15 **FERO-ASEICA award**

11:15 - 11:25 **+QUEUNTRAIL-ASEICA award**

### 11:30 - 12:15 CLOSING LECTURE: KRAS INHIBITION IN CANCER

**Chair:** Xosé Bustelo. Centro de Investigación del Cáncer, Salamanca

**Speaker:** Chiara Ambrogio. Dana-Farber Cancer Institute, Boston

12:00 - 12:15 Discussion

### 12:25 - 12:55 BEST VIDEO AWARD: VIDEO PRESENTATIONS IN STREAMING AND POPULAR VOTE

**Chairs:**

Toni Celià-Terrassa. Hospital del Mar Medical Research Institute, Barcelona

María Muñoz Caffarel. IIS Biodonostia

### 12:55 - 13:10 CONCLUDING REMARKS AND CLOSING

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

13:15 - 14:15 **ASEICA ASSEMBLY**  
(for ASEICA members only)

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## GOLD



## SILVER



## COLLABORATORS



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SECRETARÍA TÉCNICA:

tactics

Passatge Batlló 15, 08036 Barcelona

93 451 17 24

info@tacticsmd.net

www.tacticsmd.net