21st ASEICA INTERNATIONAL CONGRESS

25th to 27th November 2026

Venue:
FIBES – Palacio de Congresos y Exposiciones, Sevilla
Av. Alcalde Luis Uruñuela, 1, Sevilla, Spain

#ASEICACongress

Organized by:
aseica

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TUESDAY, **NOVEMBER 24th**

11:00 – 18:30 **5th ASEICA Joven Retreat**

18:00 **JORNADA DIVULGATIVA**

"Ciencia, Pacientes y Sociedad"

Organized by ABC bida farma

Collaborator aseica

Venue: La Galería, Sevilla

WEDNESDAY, **NOVEMBER 25th**

09:00 – 10:00 **REGISTRATION & POSTER PLACEMENT (BLOCK 1 & 2)**

10:00 – 10:15 **WELCOME AND INTRODUCTION**

Rafael López, ASEICA President. Complexo Hospitalario Universitario de Santiago de Compostela
Arkaitz Carracedo, ASEICA Vice-President. CIC Biogune, Bilbao

10:15 – 11:00 **OPENING · KEYNOTE LECTURE**

Chair: Ana Ruiz-Sáenz, Congress scientific co-coordinator, CIC Biogune, Bilbao

10:15 – 10:50 **Life, death, and inflammation in cancer: Unlocking novel therapeutic opportunities through cell death and immune signaling**
Henning Walczak, Institute of Biochemistry I, University of Cologne; UCL Cancer Institute, University College London, United Kingdom

10:50 – 11:00 **Q&A**

11:00 – 11:15 **OFFICIAL OPENING**

11:15 – 12:15 SESSION 1 · SIGNALING, IMMUNITY & EPIGENETICS IN CANCER

Chairs: Amancio Carnero, Instituto de Biomedicina de Sevilla, Universidad de Sevilla
María M. Caffarel, Instituto de Investigación Sanitaria Biogipuzkoa, San Sebastián

11:15 – 11:35 **Adoptive therapy with gene-engineered T cells to treat solid tumors**
Reno Debets, Erasmus MC Cancer Institute, Rotterdam, The Netherlands

11:35 – 11:55 **From metabolic identity to matrix remodelling**
Verónica Torrano, Universidad del País Vasco, Bizkaia

11:55 – 12:15 **Single-cell epigenomics and transcriptional plasticity in cancer**
Eduard Batlle, Institute for Research in Biomedicine, Barcelona

12:15 – 13:15 ROUND TABLE · FUNDING PATHWAYS FOR CANCER RESEARCH IN 2026

Chairs: Rafael López, ASEICA President. Complexo Hospitalario Universitario de Santiago de Compostela
Ruth Rodriguez, Institut de Recerca Biomèdica de Bellvitge, L'Hospitalet de Llobregat

Marta Cardona, FERO Cáncer
Isabel Cuadrado, CRIS Contra el Cáncer
Ramón Reyes, Asociación Española Contra el Cáncer
Ramón Mel, Grupo SOLTI

13:15 – 14:45 LUNCH BREAK & POSTER VIEWING

14:45 – 15:35 EDUCATIONAL LECTURE

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

14:45 – 15:15 **Decoding cancer evolution: From tumour heterogeneity to metastasis and therapeutic resistance**
Kerstin Haase, UCL Cancer Instiute, London, UK

15:15 – 15:35 Q&A

15:35 – 16:00 FLASH TALKS*

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

15:35 – 15:39 **Development of a therapeutic virus-like particle-based vaccine against KRAS oncogene in pancreatic cancer**
Anna Pineda, IrsiCaixa, Barcelona

15:39 – 15:43 **Tumor-cell CD44 drives anti-PD-1 immunotherapy resistance by remodeling the immune and stromal microenvironment in intrahepatic cholangiocarcinoma**
Gemma Garcia-Vicién, Institut d'Investigacions Biomèdiques August Pi i Sunyer, Barcelona

15:43 – 15:48 **Midkine is a conserved effector of SOX11 linking immune remodeling to metastatic progression in prostate cancer**
Natalia Martín, CIC BioGune, Bilbao

15:48 – 15:52 **Genetically selected biliary tract cancers with disrupted TGF-ß signalling may benefit from tumour microenvironment-targeted TGF-ß inhibition**
Ana Martín Ramirez, Centro de Investigación del Cáncer, Salamanca

15:52 – 15:56 **Proteogenomic discovery and functional validation of neoantigens for lung cancer personalized immunotherapies**
Alberto M. Arenas, Karolinska Institutet, Stockholm, Sweden

15:56 – 16:00 **Low inflammation drives protumor Tim4+ TREM1+ resident macrophage expansion while limiting monocyte-derived macrophage differentiation during peritoneal colorectal cancer**
Natalia Álvarez, Centro Nacional de Biotecnología (CNB-CSIC), Madrid

* 4 minutes

16:00 – 16:10 FERO CÁNCER AND ASEICA 2025 GRANT WINNER

Miniaturized patient tissue models with reconstructed microbiomal microenvironments for interactive colorectal cancer therapy
L. Francisco Lorenzo-Martín, Centro de Investigación del Cáncer de Salamanca

16:10 – 17:10 COFFEE BREAK AND POSTER DEFENSE (BLOCK 1)

17:10 – 18:15 SESSION 2 · ARTIFICIAL INTELLIGENCE IN BIOMEDICINE

Chairs: Rodrigo Dienstmann, Vall d'Hebron Institute of Oncology, Barcelona
Fátima Al-Shahrour, Centro Nacional de Investigaciones Oncológicas, Madrid

17:10 – 17:25 **Artificial Intelligence transforming biology**
Raúl Rabadán, Columbia University, New York, USA

17:25 – 17:40 **Artificial Intelligence to uncover cancer driver mechanisms**
Núria López-Bigas, Instituto de Investigación Biomédica Barcelona

17:40 – 17:55 **Artificial Intelligence: Innovation and opportunities in the pharmaceutical industry**
Andrea Giovannucci, Bristol Myers Squibb, Sevilla

17:55 – 18:15 *Debate*

18:20 – 19:20 MEET WITH THE EXPERTS

The opportunity to interact with the speakers

Inside FERO Cáncer: Research funding opportunities and how we select outstanding projects
Esther Aguilar, FERO Cáncer

Circulating biomarkers in 2026: What is coming up?
Ilario De Toma, Oncology Data Science and AI, AstraZeneca, Barcelona

Publish or Deploy: Rethinking impact across academic and industry science
Andrea Giovannucci, Bristol Myers Squibb, Sevilla

The future of cancer research in the era of AI
Raúl Rabadán, Columbia University, New York, USA

Going abroad, staying connected: international careers, scientific networks and science diplomacy
Rodrigo García, Network of Associations of Spanish Researchers and Scientists Abroad

Looking for funding for your scientific career? Ask CRIS
Isabel Cuadrado, CRIS Contra el Cáncer

Navigating a scientific career in Europe: Mentorship, networking and funding
Henning Walczak, Institute of Biochemistry I, University of Cologne; UCL Cancer Institute, University College London, United Kingdom

Location: Itálica Hall

09:45 – 10:30 SESSION 3 · EXERCISE AND CANCER

Chairs: Carmen Fiuza-Luces, Instituto de Investigación Hospital 12 de Octubre (i+12), Madrid, Spain
María José Echarri, Hospital Universitario Severo Ochoa, Madrid

09:45 – 10:00 **Exercise as a systemic biological signal: Myokines, inflammation and cancer**
Alejandro Lucía, Faculty of Medicine, Health and Sports, Universidad Europea de Madrid

10:00 – 10:15 **Exercise as a systemic intervention in cancer**
Laurien Buffart, Radboud University Medical Center, Nijmegen, The Netherlands

10:15 – 10:20 **Exercise and Cancer: Hearing the Patient's Voice**
Nicolás Adega, Patient Advocate

10:20 – 10:30 *Debate*

10:30 – 11:06 SHORT TALKS

Chair: Sandra Muñoz Galván, Instituto de Biomedicina de Sevilla

10:30 – 10:42 **Ultra-deep error-corrected sequencing in normal tissues: From genomic DNA to ultra-low frequency mutations**
Erika López, Institute for Research in Biomedicine, Barcelona Institute of Science and Technology

10:42 – 10:54 **The Dual Role of Tumor-Derived Exosomes in Pancreatic Cancer: From Highly Specific Chemocarriers to Drivers of Chemoresistance**
Javier Martínez Useros, Universidad Rey Juan Carlos, Madrid

10:54 – 11:06 **Tunneling nanotubes regulate mitochondrial homeostasis between glioblastoma and astrocytes, and between tumor cells in vivo: a nanotherapeutic opportunity**
Inés Sáenz de Santamaría, Centro de Investigación Biomédica en Red de Oncología, Madrid

* 7 minutes talk + 5 minutes Q&A

11:06 – 12:00 COFFEE BREAK AND POSTER DEFENSE (BLOCK 2)

12:00 – 13:20 SESSION 4 · EARLY-ONSET CANCER

Chairs: Patricia Sancho, Instituto de Investigación Sanitaria Aragón, Zaragoza
Elena Castro, Hospital Universitario 12 de Octubre, Madrid

12:00 – 12:20 **The rising burden of early-onset cancer: Epidemiological trends and open questions**
Eileen Morgan, International Agency for Research on Cancer World Health Organization, Lyon, France

Sponsored by EACR European Association for Cancer Research

12:20 – 12:40 **Molecular and cellular mechanisms underlying early-onset tumorigenesis**
José Perea-García, Molecular Oncology Group, IMDEA Nutrition; Vithas Arturo Soria University Hospital, Madrid

12:40 – 13:00 **Environment, epigenetics and early-onset cancer risk**
Manel Esteller, Sant Pau Research Institute, Barcelona

13:00 – 13:20 **Early-Onset cancer in the clinic: Biological differences and unmet needs**
Andrés Cervantes, INCLIVA - Instituto de Investigación Sanitaria, Valencia

13:20 – 14:45 LUNCH BREAK

2nd ASEICA MUJER WORKSHOP

Location: Itálica Room

12:30 POSTER DISMANTLING (BLOCK 1 & 2)

13:30 POSTER PLACEMENT (BLOCK 3 & 4)

14:45 – 16:25 SESSION 5 · TARGETING CANCER VULNERABILITIES

Chairs: Arkaitz Carracedo, CIC bioGUNE, Bilbao
Paula Soares, Institute of Research and Innovation in Health, Institute of Pathology and Immunology of the University of Porto, Portugal

14:45 – 15:05 **Unbalancing DNA repair pathway choice as a cancer vulnerability**
Pablo Huertas, Centro Andaluz de Biología Molecular y Medicina Regenerativa, Sevilla

15:05 – 15:25 **From response to relapse on PARP inhibitors: ctDNA kinetics for response and early detection of reversion mutations**
Ilario De Toma, Oncology Data Science and AI, AstraZeneca, Barcelona

15:25 – 15:45 **Exploring cancer vulnerabilities in prostate cancer: PARP inhibitors**
Elena Castro, Hospital Universitario 12 de Octubre, Madrid

15:45 – 16:05 **Trapping metabolic vulnerabilities in cancer as a new therapeutic opportunity**
Thomas Helleday, Karolinska Institute, Stockholm, Sweden

16:05 – 16:25 **Tracking tumor adaptation under therapy: Translational insights**
Jean-Philippe Coppé, University of California, San Francisco, USA

16:25 – 17:15 ASEICA COLLABORATIVE GRANTS 2026

ASEICA PREMIOS CONÓCELAS
II TALLER DE FORMACIÓN EN INNOVACIÓN ASEICA - Fundación "la Caixa"
III AYUDA Fundación Domingo Martínez
AYUDAS DE VIAJE - CRIS Contra el Cáncer/RAICEX
III Programa Dual CRIS - Contra el Cáncer - ASEICA
VII AYUDA FERO Cáncer-ASEICA
VIII AYUDA +queuntrail – ASEICA

17:15 – 18:15 COFFEE BREAK AND POSTER DEFENSE (BLOCK 3)

18:15 – 19:15 ASEICA ASSEMBLY

Only members

21:15 CONGRESS DINNER

Pre-registration required. Limited Spots available

Venue: La Galería, Sevilla

09:00 – 11:00 SESSION 6 · NEW DRUGS ON THE HORIZON: BEYOND SMALL MOLECULES AND CLASSICAL ANTIBODIES

Chairs: Noelia Tarazona, INCLIVA - Instituto de Investigación Sanitaria, Valencia
Marcos Malumbres, Vall d'Hebron Institute of Oncology, Barcelona

09:00 – 09:20 **Corrupting splicing fidelity: USP39 PROTACs as first-in-class proteotoxic RNA splicing drugs**
Cristian Prieto-Garcia, Instituto de Biomedicina de Sevilla

09:20 – 09:40 **Developing degrader therapies in prostate cancer: Opportunities and hurdles**
Josep Maria Piulats, Institut Català d'Oncologia, Barcelona

09:40 – 10:00 **Trojan Horse EVs: Engineering extracellular vesicles as carriers for drug and mRNA delivery in cancer therapy**
María Mayán, Centro de Investigación en Nanomateriales y Biomedicina de la Universidade de Vigo

10:00 – 10:20 **Next-generation antibody-drug conjugates: Translational lessons from the clinic**
Fernanda Mosele, Gustave Roussy Institute, Villejuif, France

10:20 – 10:40 *Debate*

10:40 – 10:50 **CRIS Contra el Cáncer AND ASEICA 2025 GRANT WINNER**
Genomic predictors of metastasis and early development of targeted antimetastasis therapies in prostate cancer
Ignacio González, Hospital Universitario 12 de Octubre, Madrid

10:50 – 11:00 **+QUEUNTRAIL AND ASEICA 2025 GRANT WINNER**
Improving the delivery and potency of anti-tumoral siRNAs and miRNAs through the use of destination motifs
Rubén García, National Centre for Biotechnology - Spanish National Research Council, Madrid

11:00 – 12:00 COFFEE BREAK AND POSTER DEFENSE (GROUP 4)

11:00 - 11:45 MEET THE EXPERT

Location: Itálica Room

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12:00 – 12:20 FLASH TALKS

Chairs: Ana Janic, Universidad Pompeu Fabra, Barcelona
Javier Pascual, Hospital Universitario Virgen de la Victoria, Malaga

12:00 – 12:04 **Dual E3 ligase recruitment by Molecular Glue Degraders as a strategy to overcome ligase-dependent resistance in cancer**
Alejandro Correa-Sáez, Centre for Targeted Protein Degradation, School of Life Sciences, University of Dundee, UK

12:04 – 12:08 **High-fat diet imprints a macrophage-tumor CAMP-P2RX7 axis promoting pancreatic cancer initiation, plasticity and metastasis**
Juan Carlos López Gil, Centro Nacional de Investigaciones Oncológicas, Madrid

12:08 – 12:12 **NIR-driven Janus nanomotors for extracellular matrix remodeling and enhanced drug delivery in triple-negative breast cancer**
María Miralles-Buleo, Instituto de Investigación Sanitaria La Fe, Valencia

12:12 – 12:16 **Immune context defines the genetic dependencies of radiotherapy response in cancer**
Paolo Wong, CIMA Universidad de Navarra, Pamplona

12:16 – 12:20 **CTHRC1 regulation by AR activity in prostate cancer: from patient computational analysis to therapeutic targeting**
Álvaro Gonzalo Paulano, University of the Basque Country UPV/EHU, Bilbao

* 4 minutes

12:20 - 13:05 CLOSING · KEYNOTE LECTURE

Chair: Ignacio Durán, Congress scientific co-coordinator, Hospital Universitario Marqués de Valdecilla – IDIVAL, Santander

12:20 - 12:50 **Early drug development in the era of precision oncology: Achievements and challenges ahead**
Lillian L. Siu, Princess Margaret Cancer Centre, Toronto, Canada
AACR Past President

12:50 - 13:05 **Q&A**

FRIDAY, **NOVEMBER 27th**

13:05 - 13:45 **2026 AWARDS**

ABSTRACTS AWARDS
Best Poster Award
Best Oral Communication Award

Sponsored by EACR European Association for Cancer Research

ASEICA AWARDS 2026
ASEICA Cancer Research Award
ASEICA Women and Science Award
ASEICA Basic Young Researcher Talent Award ASEICA Clinical Young Researcher Talent Award
ASEICA Social Commitment Award

13:45 – 14:00 **CLOSING REMARKS**

Rafael López, ASEICA President. Complexo Hospitalario Universitario de Santiago de Compostela
Arkaitz Carracedo, ASEICA Vice-President. CIC Biogune, Bilbao

15:00 – 18:45 **ASEICA MED Retreat**

From Clinical Questions to a Feasible Translational Project

Location: Itálica Room

SATURDAY, **NOVEMBER 28th**

09:00 – 13:00 **ASEICA MED Retreat**

Venue: Instituto de Biomedicina de Sevilla

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