

The background features a large, stylized DNA double helix structure in shades of orange and blue, winding across the frame. In the lower portion, there is a silhouette of the Seville skyline, including the Giralda tower and the Seville Cathedral, set against a warm orange gradient. A bridge is also visible in the foreground.

21st ASEICA INTERNATIONAL CONGRESS

25th to 27th November 2026

Seville, Spain

Organized by:

aseica

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TUESDAY, NOVEMBER 24th

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

21:00 ASEICA Joven Dinner

WEDNESDAY, NOVEMBER 25th

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

10:00 – 10:15 WELCOME AND INTRODUCTION

Rafael López, ASEICA President. Complejo 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 Caffarel, Instituto de Investigación Sanitaria Biodonostia, San Sebastián.

11:15 – 11:35 **Ubiquitin signaling at the crossroads of cancer and immunity**
TBD

11:35 – 12:55 **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 RESEARCH FUNDING IN CANCER RESEARCH
13:15 - 14:45	LUNCH BREAK & POSTER DEFENSE
14:45 – 15:35	EDUCATIONAL LECTURE <i>Chair:</i> Marisol Soengas , Centro Nacional de Investigaciones Oncológicas, Madrid.
14:45 – 15:15	Unleashing the immune system against cancer: lessons learned and future Directions TBD
15:15 – 15:35	Q&A
15:35 – 16:00	FLASH TALKS* <i>Chair:</i> TBD
15:35 – 15:39	Flash Talk 1
15:39 – 15:43	Flash Talk 2
15:43 – 15:48	Flash Talk 3
15:48 – 15:52	Flash Talk 4
15:52 – 15:56	Flash Talk 5
15:56 – 16:00	Flash Talk 6
* 4 minutes	
16:00 - 16:10	Fundación Fero · 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 – 18:30

SESSION 2 · ARTIFICIAL INTELLIGENCE IN BIOMEDICINE*Chairs: TBD***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*

THURSDAY, NOVEMBER 26th

09:45 – 10:30

SESSION 3 · EXERCISE AND CANCER**Chair: 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**TBD**

10:15 – 10:30

Debate

10:30 – 11:06

SHORT TALKS*Chair: Sandra Muñoz Galván*, Instituto de Biomedicina de Sevilla.

10:30 – 10:42

Short Talk 1

10:42 – 10:54

Short Talk 2

10:54 – 11:06

Short Talk 3

* 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.

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 AND POSTER VIEWING**2ND ASEICA MUJER WORKSHOP**

13:30

POSTER PLACEMENT (BLOCK 3 & 4)

14:45 – 16:25

SESSION 5 · TARGETING CANCER VULNERABILITIES

Chairs: **Arkaitz Carracedo**, CIC bioGUNE, Bilbao.

Paula Soares, i3S – Instituto de Investigação e Inovação em Saúde, Universidade do 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

David Olmos, Hospital 12 de octubre, Madrid.

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

16:05 – 16:25 **Tracking tumor adaptation under therapy: Translational insights**
Clara Montagut, Hospital del Mar Research Institute, Barcelona

16:25 – 17:15 **ASEICA COLLABORATIVE GRANTS 2026**

ASEICA PREMIOS CONÓCELAS

ASEICA 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 Fundación FERO-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.

FRIDAY, NOVEMBER 27th

09:00 – 11:00 **SESSION 6 · NEW DRUGS IN 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 Christophe Massard , Gustave Roussy Institute, Villejuif, France.
10:20 – 10:40	Debate
	2025 GRANT WINNERS
10:40 – 10:50	Genomic predictors of metastasis and early development of targeted antimetastasis therapies in prostate cancer CRIS Contra el Cáncer · 2025 GRANT WINNER Ignacio González , Hospital Universitario 12 de Octubre, Madrid.
10:50 – 11:00	Improving the delivery and potency of anti-tumoral siRNAs and miRNAs through the use of destination motifs +queuntrail · 2025 GRANT WINNER Rubén García , National Centre for Biotechnology - Spanish National Research Council, Madrid.
11:00 – 12:00	COFFEE BREAK AND POSTER DEFENSE (BLOCK 4)
12:00 – 12:20	FLASH TALKS <i>Chairs:</i> Ana Janic , Universidad Pompeu Fabra, Barcelona. Javier Pascual , Hospital Universitario Virgen de la Victoria, Malaga.
12:00– 12:04	Flash Talk 7
12:04 – 12:08	Flash Talk 8
12:08 – 12:12	Flash Talk 9
12:12 – 12:16	Flash Talk 10
12:16 – 12:20	Flash Talk 11
* 4 minutes	
12:20 – 13:00	2026 AWARDS ABSTRACTS AWARDS Best Poster Award Best Oral Communication Award

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

13:00 – 13:45

CLOSING · KEYNOTE LECTURE

Chair: **Ignacio Durán**, Congress Co-Scientific Coordinator, Hospital Universitario Marqués de Valdecilla – IDIVAL, Santander.

13:00 - 13:30

Early drug development in the era of precision oncology: Achievements and challenges ahead

Lillian L. Siu, Princess Margaret Cancer Centre, Toronto, Canada. AACR President.

13:00 - 13:45

Q&A

13:45 – 14:00

CLOSING REMARKS

Rafael López, ASEICA President. Complejo Hospitalario Universitario de Santiago de Compostela.

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