XIII JORNADAS GENYO - 2025 PROGRAM

Thursday, December 11th 2025
9:30 - 17:45 h

9:30-9:45	**WELCOME SESSION** *Prof. Marta Alarcón Riquelme, Scientific Director of GENYO.*
9:45-10:30	**SESSION 1 Postdoctoral** *Chair: Rita Caracuel* **(9:45 – 10:00) Dr. Diego De Miguel Perez** "Extracellular vesicle proteomics as biomarkers of resistance to immune-checkpoint inhibitors in advanced tumors" **(10:00 – 10:15) Dr. Sergio Castro Gonzalez** "Targeting the SWI/SNF Complex: A Promising Therapeutic Strategy for NUT Carcinoma" **(10:15 – 10:30) Dr. Joan Domingo** "When do we start aging?"
10:30-11:30	**COFFEE BREAK & POSTER SESSION**
11:30-12:30	**OPENING KEYNOTE TALK** ***Dr. Angel Carracedo*** "Personalized medicine: From genes to population genomics"
12:30-13:15	**SESSION 1. Predoctoral** *Chair: Jiajun Xie* **(12:30 – 12:45) Ismael Martos Jamai** "Improving single-nucleotide variant detection with a novel Dual-Guide CRISPR/Cas13 strategy" **(12:45 – 13:00) Ana Brescia Zapata** "Specific molecular pathways define distinct disease activity based trajectories in Systemic lupus erythematosus" **(13:00– 13:15) José Manuel Sánchez Mañas** "Tumor-Derived Vesicles Orchestrate Platelet Activation in PDAC: Toward

	Non-Invasive Biomarker Development.”
13:15-15:00	**LUNCH BREAK & POSTER SESSION**
15:00-16:00	**SESSION 2 Predoctoral/ Postdoctoral** *Chair: Paulina Rybakowska* **(15:00 – 15:15) José Manuel Guerrero Jiménez** “FIBROMARK: Identification and Validation of Biomarkers for Early Diagnosis of Pulmonary Fibrosis” **(15:15 – 15:30) Dra. Marina Cortijo Gutiérrez** “Integrated CRISPR-Based Engineering and Scalable Manufacturing of Next-Generation CAR-T and TCRKO Cell Therapies” **(15:30 – 15:45) Dr. Thomas Widmann** “Causative treatment strategies for NEDAMSS, a rare pediatric monogenic neurodegenerative disease” **(13:45 – 16:00) Dr. Antonio José Cabrera Serrano** “Identification of miRNAs associated with chronic lymphocytic leukemia progression”
16:00-17:00	**COFFEE BREAK & POSTER SESSION**
17:00-17:45	**SESSION 3 Predoctoral** *Chair: Jiajun Xie* **(17:00 – 17:15) Alejandro Millán López** “Development of anti-CLL-1 CAR-T cells from peripheral blood and comparison with anti-CLL-1 CAR-T cells from umbilical cord blood for the treatment of Acute Myeloblastic Leukemia” **(17:15 – 17:30) Verónica Arenas Rodríguez** “Identification of genetic variants associated with response to androgen deprivation therapy in prostate cancer” **(17:30 – 17:45) Alba Rubio Gayarre** “Rewiring Leukemia Aggressiveness by Breaking the ITGA4-NG2 Axis in KMT2A-rearranged B-ALL”

Friday, December 12th 2025
9:15 - 14:00h

9:15-10:00	**SESSION 1. Predoctoral** *Chair: Fernando Marín Benesiu* **(9:15 – 9:30) Ana Gázquez Gutiérrez** "DGCR8 controls retrotransposon-derived double-stranded RNA accumulation and interferon activation" **(9:30 – 9:45) Violeta Delgado Almenta** "Biomimetic Nanovaccine for Personalized Immunotherapy in Triple-Negative Breast Cancer" **(9:45 – 10:00) Pablo Pedro Jurado Bascón** "Effect Size-Driven Pathway Meta-Analysis for Gene Expression Data"
10:00-11:00	**CLOSING KEYNOTE TALK** ***Dr. Felipe Prosper*** "Understanding the molecular pathogenesis of Multiple Myeloma as the bases for development of new therapies"
11:00-12:00	**COFFEE BREAK & POSTER SESSION**
12:00-13:30	**ROUND TABLE– CLINICAL TRIALS** **Dr. Pedro Sánchez Rovira.** **Dra. Eva María Pérez Gutiérrez.** **Dra. Paloma García Martín.** **Dr Enrique Raya.** **Sarah Biel Gleeson.**
13:30-14:00	**CLOSING CEREMONY & AWARDS** *Organizing Committee*

Sponsored by:

BRONZE

SILVER

GOLD