

XII JORNADAS GENYO - 2024 PROGRAM

Thursday, December 12th 2024

9:00 - 17:30h

9:00-9:30	WELCOME SESSION <i>Prof. Marta Alarcón Riquelme, Scientific Director of GENYO .</i>
9:30-10:30	1st SESSION <i>Chair: Francisco Javier Molina Estévez</i> (09:30 – 09:45) Rita Caracuel Peramos “Loss of extracellular protease ADAMTS1 reveals an antitumorigenic program involving NIDOGEN-1 action on macrophage polarization” (09:45 – 10:00) Pablo Martín López “BCL7A tumor suppressor role in germinal center derived-lymphomas involves two functionally distinct residues”
10:00-11:00	SPONSORS' ROUNDTABLE llumina: “Liquid Biopsy in Precision Oncology: Clinical Applications and Next Frontiers” VWR: "Inhibitors? Get over them". Diagnostica Longwood: “Quantum-Si’s Next-Generation Protein Sequencing at your benchtop” Tebu Bio: "Unlocking the Future of RNA based vaccines: Teubio's production solutions"
11:00-12:00	COFFEE BREAK & POSTER SESSION
12:00-13:00	OPENING KEYNOTE TALK Andrés Aguilera López (Scientific Director of CABIMER) “From RNA to genome instability, a hallmark of tumoral cells.”
13:00-14:00	2nd SESSION <i>Chair: María Botía</i>

	<p>(13:00 – 13:15) Ana Colomer Boronat “DGCR8 haploinsufficiency leads to primate-specific RNA dysregulation and pluripotency defects”</p> <p>(13:15 – 13:30) Mencía Espinosa Martínez “Dissecting the molecular basis of transcriptional memory”</p> <p>(13:30 – 13:45) Francisco Javier Molina Estévez “Donor insertion into CX3CR1 allows epigenetic modulation of a constitutive promoter on hematopoietic stem cells and its activation upon myeloid differentiation”</p> <p>(13:45 – 14:00) Jordi Martorell “Explainable Artificial Intelligence for predicting sample phenotypes and extracting biological insights from single-cell transcriptomics”</p>
14:00-15:15	LUNCH BREAK & POSTER SESSION
15:15-16:00	<p>3rd SESSION <i>Chair: Alba Rubio Gayarre</i></p> <p>(15:15 – 15:30) Patricia María Porras Quesada “Exploring the role of miR-93-5p in prostate cancer tumorigenesis and prognosis”</p> <p>(15:30 – 15:45) José Manuel Sanchez Mañas “Silent Messengers: The Role of Microvesicles and Exosomes in Platelet-Pancreatic Cancer Communication”</p> <p>(15:45 – 16:00) Antonio José Cabrera Serrano “A meta-analysis of genome-wide association studies discovers new loci for myeloproliferative neoplasms”</p>
16:00-16:45	COFFEE BREAK & POSTER SESSION
16:45-17:30	<p>4th SESSION <i>Chair: Iris Ramos Hernández</i></p> <p>(16:45 – 17:00) Araceli López Tejada “Signature-based repurposed drugs resemble the inhibition of TGFβ-induced NDRG1 in triple-negative breast cancer by targeting AKT”</p> <p>(17:00 – 17:15) Mónica Rodríguez Segura “Nanocatalyst-Mediated Intracellular Activation of Therapeutics”</p> <p>(17:15 – 17:30) Iván Ellson Lancho “A transcriptomics-based drug repositioning approach to identify therapeutic candidates for KMT2A-rearranged pediatric AML patients”</p>

Friday, December 13th 2024

9:45 - 13:30h

9:45-10:45	5th SESSION <i>Chair: María Romo Lozano</i> (9:45 – 10:00) Victor Ronco Díaz “Evaluation of Second-Generation CARs with CD28 and 4-1BB Co-stimulatory Domains Targeting CLL-1 for AML Therapy” (10:00 – 10:15) Virginia Pérez Carrasco “Deciphering the involvement of the urobiome in urinary tract infection: pathogenesis and diagnosis” (10:15 – 10:30) Francisco Pérez Cózar “Urinary anti-SSA as biomarker of renal involvement in Sjögren's syndrome in a cohort of patients with systemic autoimmune diseases” (10:30 – 10:45) Thomas Widmann “Towards a more personalized medicine: Zebrafish xenografts as human cancer models for fast therapy testing <i>in vivo</i> ”
10:45-11:45	COFFEE BREAK & POSTER SESSION
11:45-12:45	CLOSING KEYNOTE TALK <i>Clara Cieza-Borrella (Senior Lecturer in Molecular Biology (St George's, University of London))</i> “The use of 3D cell culture models for personalised medicine in cancer”
12:45-13:30	CLOSING CEREMONY & AWARDS <i>Organizing Committee</i>

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