

# XII JORNADAS GENYO - 2024 PROGRAM

Thursday, December 12th 2024

9:00 - 17:30h

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

	<p><b>(13:00 – 13:15) Ana Colomer Boronat</b> “DGCR8 haploinsufficiency leads to primate-specific RNA dysregulation and pluripotency defects”</p> <p><b>(13:15 – 13:30) Mencía Espinosa Martínez</b> “Dissecting the molecular basis of transcriptional memory”</p> <p><b>(13:30 – 13:45) Francisco Javier Molina Estévez</b> “Donor insertion into CX3CR1 allows epigenetic modulation of a constitutive promoter on hematopoietic stem cells and its activation upon myeloid differentiation”</p> <p><b>(13:45 – 14:00) Jordi Martorell</b> “Explainable Artificial Intelligence for predicting sample phenotypes and extracting biological insights from single-cell transcriptomics”</p>
<b>14:00-15:15</b>	<b>LUNCH BREAK &amp; POSTER SESSION</b>
<b>15:15-16:00</b>	<p><b>3rd SESSION</b> <i>Chair: Alba Rubio Gayarre</i></p> <p><b>(15:15 – 15:30) Patricia María Porras Quesada</b> “Exploring the role of miR-93-5p in prostate cancer tumorigenesis and prognosis”</p> <p><b>(15:30 – 15:45) José Manuel Sanchez Mañas</b> “Silent Messengers: The Role of Microvesicles and Exosomes in Platelet-Pancreatic Cancer Communication”</p> <p><b>(15:45 – 16:00) Antonio José Cabrera Serrano</b> “A meta-analysis of genome-wide association studies discovers new loci for myeloproliferative neoplasms”</p>
<b>16:00-16:45</b>	<b>COFFEE BREAK &amp; POSTER SESSION</b>
<b>16:45-17:30</b>	<p><b>4th SESSION</b> <i>Chair: Iris Ramos Hernández</i></p> <p><b>(16:45 – 17:00) Araceli López Tejada</b> “Signature-based repurposed drugs resemble the inhibition of TGFβ-induced NDRG1 in triple-negative breast cancer by targeting AKT”</p> <p><b>(17:00 – 17:15) Mónica Rodríguez Segura</b> “Nanocatalyst-Mediated Intracellular Activation of Therapeutics”</p> <p><b>(17:15 – 17:30) Iván Ellson Lancho</b> “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	<p><b>5th SESSION</b> <i>Chair: Carmen Griñán Lisón</i></p> <p><b>(9:45 – 10:00) Victor Ronco Díaz</b> “Evaluation of Second-Generation CARs with CD28 and 4-1BB Co-stimulatory Domains Targeting CLL-1 for AML Therapy”</p> <p><b>(10:00 – 10:15) Virginia Pérez Carrasco</b> “Deciphering the involvement of the urobiome in urinary tract infection: pathogenesis and diagnosis”</p> <p><b>(10:15 – 10:30) Francisco Pérez Cózar</b> “Urinary anti-SSA as biomarker of renal involvement in Sjögren's syndrome in a cohort of patients with systemic autoimmune diseases”</p> <p><b>(10:30 – 10:45) Thomas Widmann</b> “Towards a more personalized medicine: Zebrafish xenografts as human cancer models for fast therapy testing <i>in vivo</i>”</p>
10:45-11:45	<b>COFFEE BREAK &amp; POSTER SESSION</b>
11:45-12:45	<p><b>CLOSING KEYNOTE TALK</b></p> <p><b>Clara Cieza-Borrella</b> (<i>Senior Lecturer in Molecular Biology (St George's, University of London)</i>)</p> <p>“The use of 3D cell culture models for personalised medicine in cancer”</p>
12:45-13:30	<p><b>CLOSING CEREMONY &amp; AWARDS</b> <i>Organizing Committee</i></p>

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