

XI JORNADAS GENYO - 2023 PROGRAM

Wednesday, December 13th 2023

15:45 - 19:30h

15:45 - 16:00	WELCOME SESSION <i>Prof. José Antonio Lorente, GENYO Scientific Director.</i> <i>Organizing committee: Prof. Pedro P. Medina, Dr. Karim Benabdellah, Dr. Alberto M. Arenas, Dr. Daniel J. García, Cristina Camacho.</i>
16:00-17:00	OPENING KEYNOTE TALK - CANCER GENOMICS Dr. Yonglun Luo, Aarhus Universitet (Denmark)
17:00 - 17:45	MASTER STUDENT SESSION <i>Chair: Paula García</i> (17:00 – 17:15) Andrea Serrano-Prados Understanding the role of transcriptional memory in cancer (17:15 – 17:30) Blanca González García Molecular Mechanism of Radioresistance in Medulloblastoma (17:30 – 17:45) Jiajun Xie Generation and validation of molecular tools for inducible site-specific expression of hsa-mir-371/3
17:45-18:30	POSTER SESSION & COFFEE BREAK <i>Master Student Evaluation.</i>
18:30-19:30	GENYOs AROUND THE WORLD <i>Roundtable with the president of RAICEX (Red de Asociaciones de Investigadores y Científicos Españoles en el Exterior) & GENYO alumni.</i>

Thursday, December 14th 2023

9:30 - 18:30h

<p>9:30 - 11:00</p>	<p>PhD SESSION I (>3 years) <i>Chair: Alba Rubio</i></p> <p>(09:30 – 09:45) Iris Ramos Hernández</p> <p>Enhancing safe and potent transgene expression for effective paracrine cross-correction via CX3CR1 targeted gene editing on HSPCs</p> <p>(09:45 – 10:00) Juan Sanjuán Hidalgo</p> <p>High-Fidelity Cas 9-mediated targeting of KRAS driver mutations restrains lung cancer in preclinical models</p> <p>(10:00 – 10:15) José Lucas Blaya Cánovas</p> <p>Evaluation of exhausted T-cell biomimetic nanoparticles as a promising targeted platform for the therapy of triple-negative breast cancer</p> <p>(10:15 - 10:30) Olivia Castellini Pérez</p> <p>The role of genome-wide DNA methylation alterations in chromosome X inactivation and female lupus</p> <p>(10:30 – 10:45) Rita Caracuel Peramos</p> <p>Extracellular matrix immunomodulatory actions in the tumor microenvironment: the axis ADAMTS1-NIDOGEN-1</p> <p>(10:45 – 11:00) Virginia Pérez Carrasco</p> <p>Urobiome and systemic lupus erythematosus: Taxonomic and functional analysis of the urinary microbiome</p>
<p>11:00 - 12:00</p>	<p>POSTER SESSION & COFFEE BREAK <i>PhD Student I Evaluation</i></p>
<p>12:00- 13:00</p>	<p>KEYNOTE TALK - CANCER EPIGENETICS Dr. Manel Esteller, IJC Barcelona (Spain)</p>
<p>13:00- 14:00</p>	<p>SPONSORS' ROUNDTABLE</p> <p>BD Life Sciences: <i>“Nuevas aplicaciones mediante citometría de imagen en tiempo real”.</i></p> <p>Diagnostica Longwood: <i>“Singleron: from single cell multi-omics to precision medicine”.</i></p> <p>Palex: <i>“Citometría espacial - Cómo las nuevas tecnologías revolucionan la citometría de flujo”.</i></p> <p>Illumina: <i>“Detección de mutaciones somáticas en muestras parafinadas y ADN libre circulante mediante el uso de NGS”.</i></p>

14:00-15:00	LUNCH BREAK
15:00-16:30	<p>PhD SESSION II (<3 years) <i>Chair: Olivia Castellini</i></p> <p>(15:00 – 15:15) Antonio José Cabrera Serrano Polymorphisms in the CDKN2A, BCL2 and EGFR genes influence the risk of developing chronic lymphocytic leukemia, but do not determine the survival of patients.</p> <p>(15:15 – 15:30) Patricia Concha Moral Characterization of novel fusion genes driving lung cancer.</p> <p>(15:30 - 15:45) Nieves Casillas Ruiz Pancreatic cancer induces pancreatic islet dysfunction.</p> <p>(15:45 – 16:00) Ana Utrilla Maestre Moonlighting function of the tumor suppressor RBM10 in lung adenocarcinoma</p> <p>(16:00 – 16:15) Araceli López Tejada Evaluating drug repurposed treatments in triple-negative breast cancer PDX organoids</p> <p>(16:15 – 16:30) Ruth Domínguez Rodríguez The effects of evolutionary divergence in the HLA region in autoimmune diseases</p>
16:30-17:30	<p>POSTER SESSION & COFFEE BREAK <i>PhD Student II Evaluation</i></p>
17:30-18:30	<p>GENYO AROUND SOCIETY <i>Asociación “El Mundo de Namu”</i> <i>Asociación de Síndrome de Ménière de España (ASMES)</i> <i>Asociación Héroe hasta la Médula</i> <i>Asociación Síndrome de Deleción 22q11.2</i></p>

Friday, December 15th 2023

9:30 - 14:00h

9:30 - 11:00	<p>POSTDOC SESSION <i>Chair: Dr. Jesús Calahorra</i></p> <p>(09:30 – 09:45) Dra. María Carmen Garrido Navas Circulating tumor cells and platelets-derived androgen receptor splicing variants as a monitoring tool for prostate cancer</p> <p>(09:45 – 10:00) Dra. María Carmen Ortega Liébana Smart Nanomedicines for Multimodal Cancer Therapy</p> <p>(10:00 – 10:15) Dr. Gonzalo Martínez Navajas One step closer to the clinical practice: Bernard-Soulier Syndrome type C</p> <p>(10:15 – 10:30) Dra. Ana Ariza Cosano Endogenous Retrovirus-derived RNAs play an essential role during morphogenesis in zebrafish</p> <p>(10:30 – 10:45) Dr. Daniele Lo Re Peptide–Platinum (IV) conjugation minimizes the negative effect of chemotherapy through low accumulation in the tumour microenvironment</p>
11:00 - 12:00	<p>POSTER SESSION & COFFEE BREAK <i>Postdoc Evaluation.</i></p>
12:00- 13:00	<p>CLOSING KEYNOTE TALK - GENE THERAPY Dra. Paula Río, CIEMAT, Madrid (Spain)</p>
13:00- 13:15	<p>FLASHTALK SESSION <i>Flashtalks of selected poster communications</i></p>
13:15- 14:00	<p>CLOSING CEREMONY & AWARDS <i>Organizing Committee</i></p>

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