

SCIENTIFIC PROGRAM

W E D N E S D A Y 04.11.2020	
15:30 - 16:00	Welcome Jose Lorente, Abel García, Alejandra Estepa
16:00 - 17:00	PLENARY SESSION I Chair: Alejandra Estepa Angela Nieto <i>“Activación aberrante de programas embrionarios en patologías del adulto”</i>
17:00 - 18:30	SESSION I: Short selected talks from young researchers Chairs: Sol Monchón, Iris Simón Águeda Blázquez Bernal <i>Development of a Drosophila model of LGMD1F, an ultra-rare genetic disease that protects against HIV</i> Carlos Manuel Cuesta Diaz <i>Metagenomic analyses of chronic alcoholic mice and the impact of Toll-Like Receptor 4 in Gut Microbiota and Intestine</i> Alejandro Eleazar Peñín Franch <i>The NLRP3 inflammasome is activated by galvanic current and promotes type I collagen in tendons</i> Juan Sanjuán Hidalgo <i>CRISPR/Cas9-mediated edition of KRAS driver mutations in lung adenocarcinoma</i> Daniel Jesús García García <i>Specific expression of CCN2 and lncRNA AL133346.1 in pediatric B-cell acute lymphoblastic leukemia</i> Antonio Jesús Ruiz Malagón <i>Antiproliferative effect of Tigecycline on HCT-116 xenograft tumor in mice</i>

THURSDAY 05.11.2020

SESSION II: Short selected talks from young researchers

Chairs: Victoria Sanchez, María Martín

Antonio Altuna Coy

TWEAK-induced exo-oncomiRNAs can predict prostate cancer aggressiveness. Functional characterization

Pilar González García

Coenzyme Q10 regulates sulfide metabolism and pathways connected to one carbon metabolism involved in mitochondrial dysfunction

Matilde Ortiz González

A new member of Curvicolide family kills African trypanosomes by inhibiting transcription

09:00 -
10:30

Araceli Aguilar González

Optimization of a secretable murine GAA through lentiviral vectors rescue Pompe disease cellular models

Antonio Jesús Banegas Luna

Accelerating the search of potential drugs with HPC and make it accessible from the web

Esther García Domínguez

High intensity multicomponent interval training delays frailty in old mice

10:30 -
11:00

Coffee Break

11:00 -
12:00

PLENARY SESSION II

Chair: Paula Corell

Guadalupe Sabio

“Lo que la grasa esconde”

12:00 - 12:30	<p style="text-align: center;">COLABORATOR - Merck</p> <p style="text-align: center;">Chair: Paula Corell</p>
12:30 - 13:30	<p style="text-align: center;">SESSION III: Short selected talks from young researchers</p> <p style="text-align: center;">Chairs: Gonzalo Martínez Navajas, Jorge Cerón Hernández</p> <p>Cristina Martínez Valiente</p> <p><i>CRISPR/CAS9 mouse model to study cooperation between splicing and epigenetic alterations in myelodysplastic syndromes</i></p> <p>Sandra Villar-Conde</p> <p><i>α-Synucleinopathy, neuronal and glial stereological assessment and proteomic analysis of the human hippocampus in Parkinson's disease</i></p> <p>María Tristán-Manzano</p> <p><i>Development of lentiviral vectors for a fine-tuned regulated immunotherapy</i></p> <p>María del Mar Bonillo Lamolda</p> <p><i>Validation of disease human models derived from Bernard-Soulier Syndrome patients with mutations in GP9 gene and their subsequent correction by gene therapy</i></p>

FRIDAY 06.11.2020

SESSION IV: Short selected talks from young researchers

Chairs: Serena Pisoni, Jose Palacios

Sonia Mota Zamorano

Arachidonic Acid vasoactive metabolites pathway as a biomarker of diabetic nephropathy

María Ángeles Cortés Gómez

Tau phosphorylation by glycogen synthase kinase 3 β modulates AChE expression

Simona Plesselova

Hyaluronic acid-polyethyleneimine conjugates for gene therapy and specific targeting of CD44 receptor overexpressed in triple negative breast cancer

David Jáspez Toledo

Assessing oral DNA collection solutions for whole-exome sequencing

José Alberto Molina Tijeras

Lactobacillus fermentum CECT5716 ameliorates high fat diet-induced obesity in mice through modulation of gut microbiota dysbiosis

Miguel Ruiz Cruz

In vivo pharmacogenetic activation of arcuate POMC neurons reveals their potential role in transmitting energy status to the reproductive function

09:00 -
10:30

10:30 -
11:00

Coffee Break

11:00 -
12:00

PLENARY SESSION III

Chair: Raúl López

Joaquín Dopazo

"Medicina de precisión en la era del big data y la inteligencia artificial"

12:00 -
12:30

COLABORATOR - *Labclinics*

Chair: Gonzalo Martínez

12:30 -
13:30

PLENARY SESSION IV

Chair: Alba Rodriguez

Mario Delgado

	<p><i>"¿Cómo educar a nuestro sistema inmunológico a ser más tolerante?"</i></p>
<p>13:30 - 14:00</p>	<p>INCLIVA and FISABIO Awards & Closing ceremony</p> <p>Gloria Ruiz</p> 