



# JORNADAS CIENTÍFICAS

**Genyo** CENTRO PFIZER-UNIVERSIDAD DE GRANADA-JUNTA DE ANDALUCÍA DE GENÓMICA E INVESTIGACIÓN ONCOLÓGICA

INVITADOS  
**CHARLAS**

DÍA 14

Genyo Around The World

DÍA 15

Francisco Herrera, UGR

Jose Manuel Martínez-Costas, USC

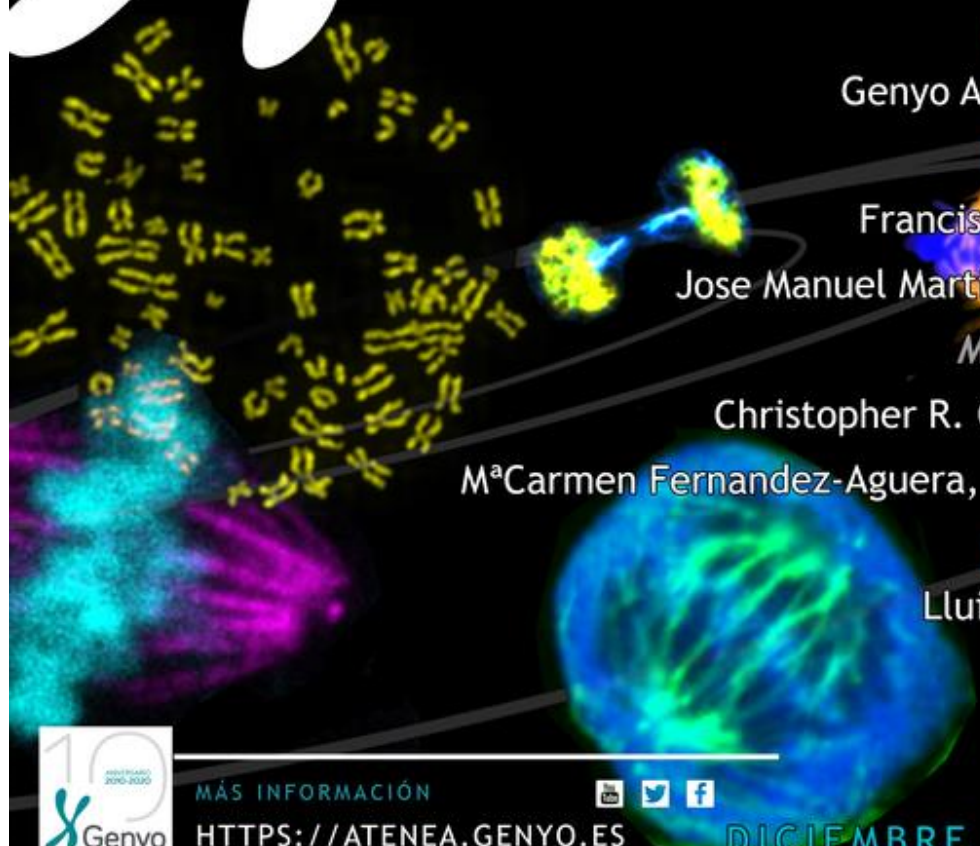
*Mesa de editores*

Christopher R. Cederroth, JARO

M<sup>a</sup>Carmen Fernandez-Aguera, Cell Metabolism

DÍA 16

Lluis Montoliu, CSIC



MÁS INFORMACIÓN  
[HTTPS://ATENEA.GENYO.ES](https://atenea.genyo.es)



**2022**  
DICIEMBRE 14, 15, 16


**PROGRAM****December 14<sup>th</sup>, 2022****15:00 – 18:00****12:30 – Early Registration**  
**14:00****15:00 – Welcome session**  
**15:15** Prof. Jose Antonio **Lorente**, GENyO | Organizing Committee**15:15 – Master student session:**  
**16:30**Martha **Stokking Ramírez**

Optimisation For the Isolation Of SARS-CoV-2-Specific IgG Genes

Antonio **Pozo Medina**

Discovery of high-affinity binding ligands against the complete influenza (H1N1) virus from synthetic peptide libraries

Paula **García Sacristán**

Evaluation of the Versatility of a Multifunctionalized Nanosystem with Heranostic Application Focused on Active Targeting Towards Pancreatic Cancer

Ignacio **Castilla Maldonado**

Deciphering the antimetastatic potential of naphthalimides and their role as G4s-ligands

Carmen **Barbero Jiménez**

AW and B2M chimeric promoters as potential candidates for the generation of improved anti-HER2 CAR-T cells

**16:30- Poster presentations**  
**17:30** Coffee break**17:30 – GENyO's around the World**  
**END**JORNADAS  
CIENTÍFICAS

Genyo

CENTRO PFIZER-UNIVERSIDAD DE GRANADA-JUNTA DE ANDALUCÍA  
DE GENÓMICA E INVESTIGACIÓN ONCOLÓGICA

December 15th, 2022

09:00 – 18:00

**9:00 – 10:15** PhD student session I:Alba **Escalera Balsera**

Contribution of rare variants in GJD3 connexin gene to familial Meniere Disease

Jorge **Cerón Hernández**

Platelets-Tumor cells interaction: a shield against chemotherapy

Olivia **Castellini Pérez**

Prediction of Molecular Phenotypes based on Genetics Reveals Novel Causal Proteins Implicated in Systemic Lupus Erythematosus

Antonio José **Cabrera Serrano**

Do GWAS-identified risk variants for chronic lymphocytic influence overall patient survival?

María **Bofía Sánchez**

Gut epithelial barrier dysfunction in lupus triggers a differential humoral response against commensals

**10:15 – 11:15** Keynote speaker session11:15 Prof. Francisco **Herrera**, UGR**11:15 – 12:15** Poster presentations

12:15 Coffee break

**12:15 – 13:45** Sponsor's Scientific Session13:45 **Proquinorte** sponsored Scientific Session. [Visit Proquinorte](#)**Colegio Oficial de Biólogos de Andalucía (COBA)** host "Biologists in Biomedicine" session:Prof. José Manuel **Martínez Costas**, USC. [Visit COBA](#)**13:45 – 15:00** Lunch**15:00 – 16:15** PhD student session II:Marina **Cortijo Gutiérrez**

CRISPR-mediated targeting of IL15 to the PD1 locus to improve the phenotype of CD19 CART T cells.

Ana **Utrilla Maestre**

Deciphering the tumor suppressor role of RBM10 in lung adenocarcinoma

Ana del Carmen **Soriano Lerma**

Deciphering the underlying mode of action of resveratrol: G-quadruplex binding as a driver of pharmacological activity

Paula **Heredía Velázquez**

Improved production and therapeutic potential of non-immunogenic exosomes derived from CAR-T cells

Alba **Rubio Gayarre**

NG2 and VLA-4 are involved in the invasion and migration of MLLr B-cell Acute Lymphoblastic Leukemia

**16:15 – Editor's Round Table**

**17:15** Dr. Maria del Carmen **Fernandez-Aguera** | **Cell Metabolism**, Editor  
 Dr. Christopher R. **Cederroth** | **Journal of the Association for Research in Otolaryngology**, Editor-In-Chief

**17:15 – Poster session**

**END** Coffee break with the Editors

**December 16<sup>th</sup>, 2022**

**9:00 -14:00**

**9:00 – 10:45** **Post-Doc session:**

Agustín **Robles Remacho, PhD**

ChemFISH towards Spatial Genomics: Direct detection of alpha satellite DNA with single-base resolution by using a basic Peptide Nucleic Acids and Fluorescent in situ Hybridization

Paola **Peinado Fernández, PhD**

Unraveling the therapeutic role of ARID1A in lung adenocarcinoma

María Belén **López Millán, PhD**

NG2 is a target gene of MLL-AF4 and underlies glucocorticoid resistance in infant MLL-rearranged B-ALL by regulating NR3C1 expression through its interaction with FLT3

Carmen **Garrido Navas, PhD**

Implementation of a next-generation sequencing strategy to identify high-risk breast and ovarian cancer individuals in two Andalusian hospitals

Jesús **Calahorra, PhD**

Ideal Match:  $\beta$ -Lapachone and Hydroxytyrosol Against Triple Negative Breast Cancer

María **Alcázar Fabra, PhD**

Analysis of the binding of Polycomb proteins to mitotic chromosomes in pluripotent cells

**10:45 – Poster session**

**11:45** Coffee break

**11:45 – Keynote speaker**

**12:45** Dr. Lluís **Montoliu**, CSIC  
 “Understanding the relevance of non-coding DNA and other useful applications of CRISPR tools”

**12:45 – Poster Blitz**

**13:00**

**13:00 – Closing ceremony and awards**

**13:30**