

DECEMBER
10th, 2024

Baldiri Reixac, 4
08028 Barcelona

13th CNAG SYMPOSIUM ON GENOME RESEARCH

GENOMICS TRANSLATED INTO HEALTHCARE PROVISION

09:00 H REGISTRATION

09:30 H **Welcome to the 13th CNAG Symposium on Genome Research**
Ivo Gut PhD. Centro Nacional de Análisis Genómico (CNAG)

09:45 H **Genomic and single cell dissection of tumor progression in chronic lymphocytic leukemia**
Elías Campo PhD. Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS)

10:10 H **NAGEN-MX: Developing and evaluating a new personalised breast cancer screening strategy in Navarra**
Ángel Alonso PhD. Complejo Hospitalario de Navarra (CHN)

10:35 H **The transformative impact of HiFi Sequencing**
Sukhvinder Nicklen. PacBio

10:50 H **Targeting colorectal cancer's elusiveness**
Elena Élez MD, PhD. Vall d'Hebron Institut d'Oncologia (VHIO)

11:15 H COFFEE BREAK

11:45 H **The European Rare Diseases Research Ecosystem: making Europe a world-leader in rare diseases research and innovation**
Yanis Mimouni PharmD. European Rare Diseases Research Alliance (ERDERA)

12:10 H **CNAG: from diagnostics research to clinical applications**
Leslie Matalonga PhD. Centro Nacional de Análisis Genómico (CNAG)

12:35 H **Rethinking genomics in healthcare**
Christophe Fleury. Oxford Nanopore Technologies

12:50 H **Improving Genomic Diagnosis and Treatment for Brain Metabolic Disorders**
Agatha Schlüter Martín, PhD. Institut d'Investigació Biomèdica de Bellvitge (IDIBELL)

13:15 H LUNCH

14:15 H **Autism: patient stratification for drug response**
Carmen Moreno MD, PhD. Red de Psiquiatría Infantil del European College of Neuropsychiatry

14:40 H **New genomics solutions from Agilent Technologies**
Yolanda Sánchez. Agilent Technologies

14:55 H **Unravelling African Genomic Diversity for Equitable Advances in Neurogenetic Diseases**
Pedro Rodríguez MD, DPhil. Centro Nacional de Análisis Genómico (CNAG)

15:20 H **Illumina's 2025 Innovation Roadmap: A Quick Overview**
Oscar Bolaños. Illumina

15:35 H **The challenges of genetic diagnosis in Spain and the IMPaCT Genomics initiative**
Ángel Carracedo PhD. Fundación Pública Galega de Medicina Xenómica (FPGMX), Universidad de Santiago de Compostela (USC)

16:00 H **Molecular trisection of a Tumor: a short case study**
Andrés Ramírez. 10X Genomics

16:15 H **Primate genome diversity and their consequences for human diseases**
Tomàs Marquès PhD. Universitat Pompeu Fabra (UPF), Centro Nacional de Análisis Genómico (CNAG)

16:40 H CLOSURE

16:55 H VISIT TO CNAG FACILITIES (1 hour)

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