

# NUCLEOTIDE METABOLISM AND DISEASE

## FIRST NUCLEOMET NETWORK MEETING

Location: Aula de Graus, Facultat de Biologia, Universitat de Barcelona

P R O G R A M

July 25th, 2019

- 10:30 - 10:35 Welcome
- 10:35 – 11:10 Nucleotide metabolism and mitochondrial disorders  
**Ramon Martí Seves**  
*Neuromuscular and Mitochondrial Diseases, VHIR, CIBER ER, Barcelona.*
- 11:10 – 11:45 Mitochondrial DNA - The hybrid genome  
**Ian Holt**  
*Biodonostia Health Research Institute, San Sebastián & IKERBASQUE, Bilbao.*
- 11:45 – 12:20 Understanding the structure and disease-causing mutations in CAD, a mega-enzyme leading de novo pyrimidine synthesis  
**Santiago Ramón Maiques**  
*Genome Dynamics and Function, Centro de Biología Molecular Severo Ochoa (CSIC-UAM), Madrid.*
- 12:20 – 12:40 Novel dNTP nucleotidohydrolases and their role in nucleotide homeostasis.  
**Dolores González-Pacanowska**  
*Instituto de Parasitología y Biomedicina "López-Neyra". CSIC, Granada.*
- 12:40 – 13:00 Trypanosomal endonuclease V. In vitro specificity for inosine yet unknown physiological function.  
**Antonio Vidal**  
*Instituto de Parasitología y Biomedicina "López-Neyra". CSIC, Granada.*
- 13:00 – 13:35 Nucleoside transporters and disease.  
**Marçal Pastor Anglada**  
*Bioquímica i Biomedicina Molecular, IBUB, CIBER EHD & IR SJD, Barcelona.*

Organizers:  
Ramón Martí, Yolanda Cámara (VHIR, CIBER ER)  
Marçal Pastor-Anglada, Sandra Pérez-Torras (IBUB, CIBER EHD)

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