

International Symposium 23rd Nov 2015

Understanding human disease: New tools for new challenges

09:00

WELCOME

Llorente, G.A. Chancellor of the Facultat de Biologia, Universitat de Barcelona

Gonzàlez-Duarte, R. Facultat de Biologia, Universitat de Barcelona

Marfany, G. Facultat de Biologia, Universitat de Barcelona

Montoliu, L. Centro Nacional de Biotecnología, CNB-CSIC, Madrid

Villarroya, F. Institut de Biomedicina de la Universitat de Barcelona, IBUB, Director

09:15

Palau, F. Director of CIBERER y Instituto Pediátrico de Enfermedades Raras, Hospital Sant Joan de Déu, Barcelona
Why basic research is instrumental to rare diseases.

09:30

Erceg, S. Centro de Investigación Príncipe Felipe, CIPF, Valencia
iPSCs for disease modelling and cell therapy

10:00

Montoliu, L. Centro Nacional de Biotecnología, CNB-CSIC, Madrid
Genome editing for human disease modelling

10:30

COFFEE BREAK

11:00

Segovia, J. C. División de Terapias Innovadoras en el Sistema Hematopoyético, CIEMAT, CIBERER, Madrid

Therapeutic applications of Genome Edition technologies

11:30

Sales-Pardo, M. Universitat Rovira Virgili, URV, Tarragona

Big data analysis and gene, protein and metabolic networks

12:00

DISCUSSION PANEL

State of the art in the diagnosis and treatment of retinal dystrophies. Late advances and caveats.

Marfany, G. Facultat de Biologia, Universitat de Barcelona

Functional analysis of RD genes

Bovolenta, P. Centro de Biología Molecular Severo Ochoa, CSIC, Madrid

Animal versus cellular models

Méndez, A. IDIBELL-Universitat de Barcelona

Proteomic analysis to study signaling protein organization in photoreceptor cells

Ayuso, C. Departamento de Genética, Fundación Jiménez Díaz, Madrid

Bioethical concerns in NGS

Chairperson: Gonzàlez-Duarte, R.

Morning sessions end at 13:30

15:00

Guigó, R. Center for Genomic Regulation, CRG, Barcelona

Human transcriptome across tissues and individuals

15:40

CLOSING KEYNOTE LECTURE

Swaroop, A. Neurobiology

Neurodegeneration & Repair Laboratory, National Eye Institute, NIH, USA

Gene Regulatory Networks Underlying Retinal Development and Disease

Aula Magna Facultat de Biologia, Universitat de Barcelona, Avda Diagonal 643, Barcelona

→ **IBUB**
Institut de Biomedicina
de la Universitat de Barcelona



UNIVERSITAT DE
BARCELONA

er **ciberer**
CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED
DE ENFERMEDADES RARAS