

# UB-CIBERER Mini Symposium

## Rare Neurodevelopmental Disorders

November 4<sup>th</sup> 2024

Aula de Graus, Facultat Biologia UB & streaming

FREE registration!

Send an email to:

[jornada.UBCIBERER@ub.edu](mailto:jornada.UBCIBERER@ub.edu)



**10:00 h** Exploring the Challenges and Opportunities in Developing Therapies for Rare Diseases: The Paradigm of Neurodevelopmental Conditions

**Dr. Mercedes Serrano**

Pediatric Neurology Department. XUEC Cognitiu Conductuals de Base Genètica, CatSalut Hospital Sant Joan de Déu, Institut de Recerca Sant Joan de Déu, Esplugues, Barcelona  
Faculty of Medicine. Universitat de Barcelona  
Instituto de salud Carlos III (ISCIII), U703 CIBERER, Madrid

**10:45 h** Identification of Biomarkers and Therapeutic Targets through Integrative Multi-omics Analysis of Molecular Signatures in Rett Syndrome and Neurodevelopmental Disorders

**Dr. Judith Armstrong**

Hospital Sant Joan de Déu, Genomics-NGS, Genetic and Molecular Medicine Department, Institut de Recerca Sant Joan de Déu, Genomics for the Diagnosis of Rare Diseases Lab, Barcelona  
Instituto de salud Carlos III (ISCIII), CIBERER, Madrid

**11:30 h** Coffee Break

**12:00 h** Human stem cell-derived cultures to model rare neurodevelopmental disorders

**Dr. Daniel Tornero**

Laboratory of Neural Stem Cells and Brain Damage, Institute of Neuroscience, Universitat de Barcelona  
IDIBAPS and CIBERNED

**12:45 h** Brain organoids as a model in developmental epileptic disorders

**Dr. Sandra Acosta**

Functional Neurogenomics Lab, Dpt. Pathology and Experimental Therapeutics, School of Medicine, UB

**13:30 h** Round table with the speakers

**14:00 h** Closing

**Organizers:** Susanna Balcells, Gemma Marfany, Raquel Rabionet, Roser Corominas  
U718-U720-U735. Departament de Genètica Microbiologia i Estadística, Universitat de Barcelona

**With the participation and scientific support of:** CIBERER, Master in Genetics and Genomics (UB), Genetics Doctoral Program (UB), Càtedra UB de Enfermedades Raras (UB)



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