



# SAVE THE DATE

**SJD**  
Sant Joan de Déu  
Barcelona · Hospital

**Paris Brain Institute**  
ICM

# 3<sup>rd</sup> SYMPOSIUM ON THE CONNECTION BETWEEN PHYSICS AND METABOLISM IN BRAIN FUNCTIONS



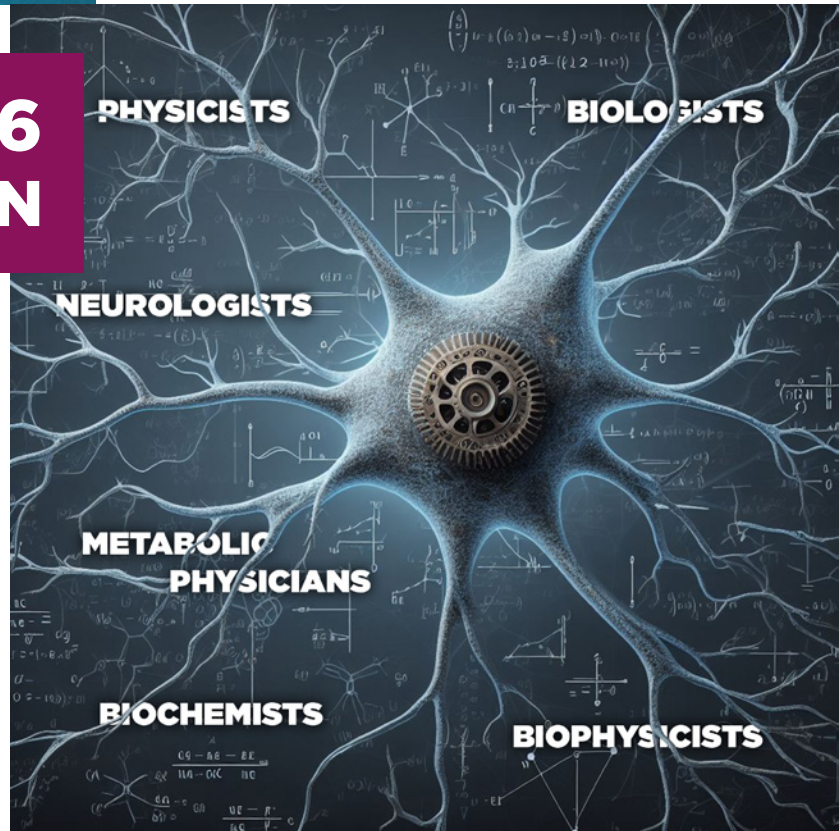
**Prof. ANGELES GARCIA-CAZORLA**  
Professor of Paediatric Neurology and  
Neurometabolism, University of Barcelona

**Prof. FANNY MOCHEL**  
Professor of Medical Genetics  
and Neurometabolism, Sorbonne University, Paris

## OCTOBER 9, 2026 BARCELONA, SPAIN

### SYMPOSIUM Overview:

- Exciting developments in **quantum biology** highlighted by an inaugural conference featuring **Sonia Contera**, Professor of Biological Physics at the University of Oxford.
- Physical approach to brain metabolism, incorporating **thermodynamic** principles and the emerging concept of **photons as synaptic transmitters**.
- A pioneering discipline at the intersection of biophysics, metabolism and medicine, focusing on **mechanodiseases**.
- A thought-provoking closing lecture on the relationship between **metabolism and cognition**.



### PARTICIPANT Profile:

- Metabolic Physicians
- Neurologists
- Clinical Geneticists
- Child neurologists
- Physicists
- Neurobiologists
- Chemists
- Biochemists

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