

9 OCTOBER 2026

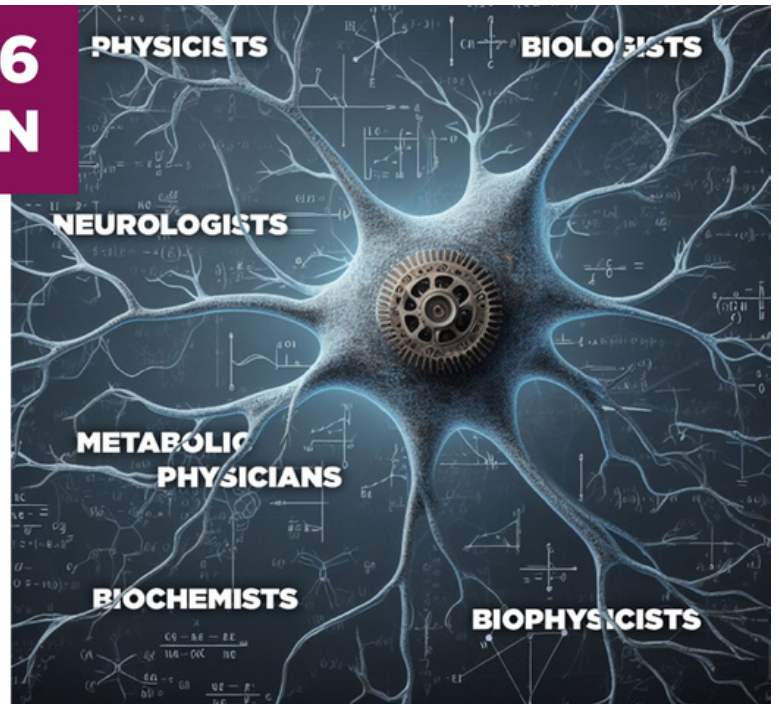
SANT JOAN DE DEU
BARCELONA HOSPITAL

3rd SYMPOSIUM: CONNECTION BETWEEN PHYSICS AND METABOLISM IN BRAIN FUNCTIONS

**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

REGISTRATION

Travel Scholarships Available

This year, eligible participants have the opportunity to apply for a travel scholarship.

A limited number of scholarships are available and include:

- Economy-class round-trip travel.
- One night's accommodation (up to four-star standard), subject to travel itinerary and transport availability.

 To apply, complete the [formulary](#) and please send your CV and a motivation letter to neurometab.bio.master@gmail.com

 **Application deadline: Sunday, 23 August 2026, 23:59 CEST (Spanish time).**



Programme

Sponsored : **SSIEM**

Endorsed by:

