



PhD position in Molecular Neuroscience

[The University of Barcelona \(UB\)](#) offers a vacant position for a **Predocctoral position** within the **department of Cell Biology, Physiology, and Immunology** at the [Institute of Neurosciences \(UBneuro\)](#).

Research Group Focus: The group investigates inter-organelle communication in neurons using various molecular and cellular biology techniques, in vivo microscopy, animal models, and next-generation sequencing.

JOB DESCRIPTION

The selected candidate will work on a doctoral thesis project focusing on the study of inter-organelle communication in neurons, particularly how synaptic activity regulates the interaction between mitochondria and the endoplasmic reticulum and its role in neuronal physiology.

REQUIREMENTS

Essential

- Bachelor's and Master's degrees in Neuroscience, Biochemistry, Biomedicine, Biotechnology, Biology, or related fields.
- Strong academic record (minimum GPA of 8 out of 10).
- Prior scientific experience (at least at the level of Bachelor's or Master's thesis) in molecular/cellular biology and/or neuroscience.

Desirable

- Previous experience in primary neuron culture preparation, AAV generation and production, in vivo microscopy techniques, and animal handling.
- Publications or conference participation.
- Participation in the Erasmus program or receipt of a Collaboration Grant from the Ministry of Education and Vocational Training.

EMPLOYMENT CONDITIONS

Comparable to a predoctoral contract until the student secures their own fellowship.

Full-time position at the University of Barcelona, Spain.

HOW TO APPLY

Interested candidates should send their CV, including average grades for their bachelor's and master's degrees, and contact details for two researchers who can provide references, to Dr. Francesc X. Soriano at f.x.soriano@ub.edu.

DEADLINE

Applications must be submitted by September 20, 2024.



FUNDING

The position offers a contract equivalent to a predoctoral contract until the student obtains their own fellowship.

ABOUT UBneuro

The Institute of Neurosciences (UBneuro) was created under the premise to gather all research at the University of Barcelona that focused on a common goal: understanding the nervous system as a whole to give response to society challenges. Being one of the few institutes in the world that investigates the brain at every level, we're established as a frontrunner in international neuroscience research. Recognized with the prestigious María de Maeztu Excellence Unit accreditation, we house diverse research groups in neurobiology, neuropharmacology, pathophysiology, neurology, psychiatry, clinical psychology, neuropsychobiology, and cognitive neurosciences. Join us as we contribute to cutting-edge discoveries in neuroscience.

Additional information about the research group:

<https://pubmed.ncbi.nlm.nih.gov/?term=soriano+fx&sort=date>

<https://webgrec.ub.edu/webpages/000011/cas/f.x.soriano.ub.edu.html>