



Improving Functional Integration of hiPSC-derived Neural Progenitors Transplanted into Ischemic Stroke-Brain

The [University of Barcelona \(UB\)](#) offers a vacant position for a **PhD Student** within the **STEM CELLS AND NEURODEVELOPMENT** research area of the [Institute of Neurosciences \(UBneuro\)](#).

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:

[Laboratory of Neural Stem Cells and Brain Damage. PI: Daniel Tornero Prieto](#)

Social Media: https://x.com/nsc_braindamage?lang=en

JOB DESCRIPTION

We are seeking a motivated and skilled researcher to join our team in a project focused on improving the functional integration of human induced pluripotent stem cell (hiPSC)-derived neural progenitors when transplanted into an ischemic stroked-brain

REQUIREMENTS

Essential

- Master's degree in a relevant field (e.g., Neuroscience, Biology, Biomedicine)
- Good level of English (both written and spoken)

Desirable

- Experience with laboratory mice (e.g., having completed a relevant course)
- Experience in neurosurgery or related procedures

EMPLOYMENT CONDITIONS

Contract Duration: 4 years

Starting Date: Around December 2024

HOW TO APPLY

Interested candidates should send the Curriculum Vitae (CV) and a Cover Letter to: daniel.tornero@ub.edu

DEADLINE

The deadline for applications is the 10th of September 2024.

FUNDING

This position is funded by the FPI program from the Spanish Government