

TECHNITIAN/PREDOCTORAL RESEARCH POSITION

(Ref. 2602 - VILLOSLADA)

OFFER:

The Systems Neurology and Neurotherapeutics group at the Hospital del Mar Research Institute, Barcelona led by Pablo Villoslada is seeking a highly motivated and talented research technician for a 1-year research position (https://www.researchmar.net/programesrecerca/neurociencies/neurologia_de_sistemes_i_neuroterapias.html).

The position is intended as an initial step towards a full PhD. After this first year, the selected candidate will be expected to apply for competitive fellowships to continue their doctoral training.

Research Project

The project focuses on the design and development of antisense oligonucleotides (ASOs) targeting microglial pathways involved in neuroinflammation and neurodegeneration. Specifically, the work will address molecular mechanisms relevant to Multiple Sclerosis (MS) and Amyotrophic Lateral Sclerosis (ALS), with the aim of identifying novel therapeutic strategies. The candidate will contribute to the design, validation, and functional testing of antisense oligonucleotides (ASOs), combining molecular biology, microglial models, and translational approaches.

Research Environment

The candidate will join a dynamic and interdisciplinary research team working at the interface of neuroscience, immunology, and precision medicine.

Candidate Profile

We are looking for a bright and enthusiastic candidate with:

- Excellent academic record (high grades are essential)
- Strong motivation for research and scientific career development
- Background in biomedicine, biology, biotechnology, or related fields
- Ability to work both independently and as part of a team
- Good communication skills in English
- Candidates have to fulfil the criteria to enrol in a doctorate program (required 300 ECTS credits)

Previous research experience in molecular biology, neurobiology, or omics approaches will be positively valued. Experience in animal experimentation, including accredited training (Categories A, B, and/or C) in accordance with Generalitat de Catalunya regulations or equivalent FELASA-accredited certification, will be considered a strong asset.

What We Offer

- 1-year full-time contract
- Salary will be in accordance with the standards established
- Opportunity to develop a competitive PhD project
- Mentoring and support to apply for prestigious PhD fellowships
- Access to a stimulating and collaborative scientific environment

Application

Interested candidates should send:

- CV
- Academic transcripts
- Brief statement of interest

Applications should be sent to Maria Demestre at mdmestre@researchmar.net

Deadline for submission of CVs: July 31. Applications will be reviewed on a rolling basis until the position is filled.