

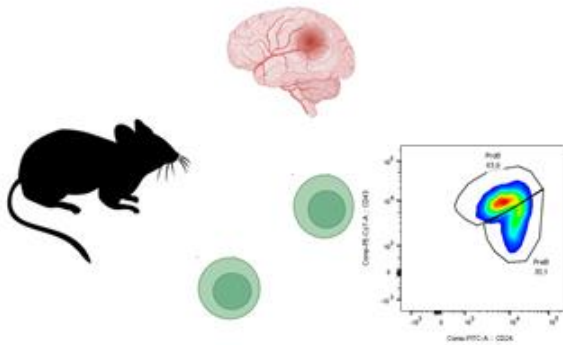
## PhD Position in Stroke Immunology (4-year FPI contract)

Do you have a keen interest in stroke and its connection to the immune system? Are you eager to contribute to the field of immunology and its implications for stroke pathology? We offer an exciting opportunity to join our research laboratory as a PhD student in Stroke Immunology.

### About Us:

Our laboratory is based at the Instituto de Investigaciones Biomédicas de Barcelona (IIBB-CSIC). We are committed to investigating the intricate relationship between the immune system and stroke. Through advanced research, we aim to identify novel therapeutic targets, develop innovative immunotherapies, and enhance treatment strategies for stroke patients.

### Project description:



The PhD project will be based on a national funded project focused on understanding how stroke affect the peripheral immune system. Following a stroke, there is a profound suppression of the immune system, rendering the organism more susceptible to opportunistic infections. Although speculations have been made about the role of this immunosuppression in protecting the brain from excessive inflammation, the meaning of this phenomenon is not completely understood. The project will focus on comprehending how stroke affects the

peripheral immune system, elucidating the signaling pathways and mechanisms involved in this process, and exploring the consequences of this immunosuppressive state. The research will primarily focus on post-stroke infections, post-stroke autoimmunity, and neuroinflammation.

### Candidate requirements:

We are seeking a highly motivated individual to join our team for a 4-year journey of scientific exploration. As a PhD candidate in our laboratory, you will have the chance to work with a dynamic team of researchers, in close proximity to clinicians to unravel the complexities of stroke-induced immune responses. Your work will involve a multidisciplinary approach, utilizing state-of-the-art techniques in immunology, molecular biology, and neuroscience.

### Qualifications:

- Graduate studies related to biomedical research (biology, biochemistry, medicine...)
- A master's degree (or equivalent) in Immunology, Neuroscience, Biochemistry, or a related field.
- Experience in using mouse animal models and laboratory techniques such as flow cytometry, cell culture, and molecular biology methods will be valued.
- Basic knowledge of data analysis and effective communication skills in English will be appreciated.

### How to apply

If you are interested in this exciting opportunity, please get in contact with David Brea ([david.brea@iibb.csic.es](mailto:david.brea@iibb.csic.es)) and send your CV and academic record before September 15th, 2023.