



UNIVERSITAT DE
BARCELONA

Postdoctoral Researcher (Immunology Lab)

Location: Mucosal Immunology Lab (P.I: Giuliana Magri, Ph.D), Immunology Unit, Faculty of Medicine and Health Sciences, Campus Clinic, University of Barcelona, Barcelona, Spain.

About the Position

We are seeking a highly motivated and skilled postdoctoral researcher to join the Mucosal Immunology Lab at the University of Barcelona. This fully-funded 2.5year position is supported by a CPP23 grant from the *Ministerio de Ciencia, Innovación y Universidades* and offers an exciting opportunity to work on cutting-edge translational research.

The selected candidate will lead in my laboratory a collaborative public-private project involving the University of Barcelona (UB), the Centre for Genomic Regulation (CRG), the Spanish National Research Council (CSIC), and OrikinBio. The project focuses on a potential breakthrough therapy for inflammatory bowel disease (IBD).

The postdoctoral researcher will be responsible for design and conduct *in vitro* functional assays using primary cells from IBD patients and apply novel Immunology approaches to identify predictive biomarkers of response to treatment. The position offers an exciting opportunity to work on cutting-edge translational research and to collaborate with multidisciplinary teams across academia and industry to advance the development of engineered cytokine-based therapies. The candidate will be also involved in other ongoing projects in the lab related to IBD.

Required Qualifications:

- Ph.D. in Immunology or a closely related field, completed within the last 10 years.
- Proven expertise in *in vitro* functional immunological assays with primary immune cells, protein analytics, and multiparametric flow cytometry (spectral/conventional).
- Strong communication and presentation skills.
- Proficiency in English, both written and spoken.
- Knowledge of R and/or other programming languages

Desirable qualifications:

- Experience in human immunology or research related to inflammatory bowel disease (IBD).
- Proficiency in single-cell RNA sequencing analysis.
- A record of relevant scientific publications in high-impact journals.
- Experience with project management and scientific writing.

What We Offer:

- A fully-funded postdoctoral position with a competitive salary.
- The opportunity to work on a high-impact translational project in a collaborative and multidisciplinary environment.
- Access to state-of-the-art facilities and resources at the University of Barcelona and partner institutions.

Application Process

Interested candidates should submit the following to gmagri@ub.edu by **March 30th, 2025**:

- An updated CV and motivation letter.
- The name and contact information of two References.