

PhD in Immunology

Are you interested in inflammation and the diseases it can cause?

WANTED:

Candidate to apply for a FPU contract from the Ministry of Universities in its next call for proposals in 2022 (expected opening date November 2022) to carry out research within the "Immunity from non-immune cells" group of the University of Barcelona (<https://www.ub.edu/portal/web/dp-patologia-terapeutica/immunity-from-non-immune-cells>)

OFFERED:

Join a young laboratory, recently funded by different agencies and the possibility of international stays. Our laboratory is interested in knowing the molecular mechanisms involved in the inflammation of lining epithelia and its pathological consequences. In particular, we study CARD14 protein, which is expressed in keratinocytes and mutated in psoriatic patients, producing a great inflammation of the skin. The physiological role of CARD14 and its signaling pathway are not known. Our goal is to characterize the pathway at the molecular level and determine what role it plays in defense against infections, psoriatic comorbidities (rheumatoid arthritis, atherosclerosis, colitis...) and cancer. The project involves a wide variety of molecular, cellular and animal models of inflammation.

CANDIDATE REQUIREMENTS:

- Degree in Biology, Biochemistry, Chemistry, Biotechnology or related disciplines, with a master's degree completed or in the process of completion during the 2022-2023 academic year.
- Grade point average higher than 8.4 and improved in the master's degree (if it has been completed).
- High motivation.
- Mastery of English.
- Knowledge of immunology.

If you are interested, contact Joan Manils Pacheco (joanmanils@ub.edu) as soon as possible, sending your resume and academic record. The presentation of a letter of motivation and references will be positively valued.

WORKPLACE:

Immunology Unit, Laboratory 4118

Dept. Pathology and experimental therapeutics

Faculty of Medicine and Health Sciences

University of Barcelona