



B cell Biology
Laboratory
PI: Andrea Cerutti
IMIM-PRBB
Barcelona, Spain



POSTDOCTORAL POSITION IN THE B CELL BIOLOGY GROUP (Ref. 2110 - CERUTTI)

OFFER

The laboratory of B cell Biology, located at Institut Hospital del Mar d'Investigacions Mèdiques (IMIM) in Barcelona, SPAIN, is looking for a **post-doctoral fellow** to explore the role of human mucosal B cells and antibodies in homeostasis and inflammation.

THE LABORATORY

The B Cell Biology Group (Cerutti/Magri lab) uses state-of-the-art cellular, molecular and in vivo techniques to address clinically relevant questions related to the regulation of antibody production by B cells. We are particularly interested in the mechanisms whereby intestinal B cells generate antibodies to commensal bacteria and how these antibodies shape the composition of the gut microbiota (Tejedor et al., J Exp Med 2021, to be submitted; Grasset et al. Science Immunology 2020; Chen/Magri, et al. Nature Rev Immunol. 2020; Magri/Comerma et al, Immunity 2017; Gutzeit et al, Immunol Rev 2014; Shan et al, Science 2013). We are also interested in the function and regulation of IgD in the respiratory tract (Tachó-Piñot et al., in preparation; Shan et al., Immunity 2018) and IgG ad IgM in the spleen (Magri et al., Nature Immunol. 2014; Puga et al., Nature Immunol. 2012). Our research recently extended to human antibody responses to SARS-CoV2, the causative agent of COVID-19 (De Campos Mata et al., Clin Transl Immunol 2021; Tejedor-Vaquero/de Campos-Mata, Front Immunol 2021).

LINKS

https://www.imim.es/programesrecerca/rct/en_bcellbiology.html

<https://www.icrea.cat/Web/ScientificStaff/Andrea-Cerutti-452>

REQUIREMENTS

- The candidate must hold a PhD in natural or medical science or related disciplines, or obtain a PhD in the near future
- The candidate should have experience in the areas of Immunology and/or host-microbe interactions
- The candidate must be proficient in oral and written English
- Strong publication record with at least 1 first-author high impact articles would be a definitive advantage

CONDITIONS

- The selected candidate will be encouraged to apply for competitive **postdoc calls** from Spain and Europe
- Salary will be covered until the results of the postdoctoral fellowship are announced.
- Starting date: as soon as possible
- Previous experience in mucosal immunology and big data analysis will be a definitive advantage

APPLICATION

The application must include the following documents in English:

- a) A personal letter (including motivation to apply for this position)
- b) Curriculum vitae (including minimum two references)

All applicants will be welcome irrespective of race, nationality, gender or sexual orientation.

Enquiries should be sent to: acerutti@imim.es (Professor Andrea Cerutti) and gmagri@imim.es (Dr. Giuliana Magri) indicating “Postdoc Call 2021” in the subject.