

**OPEN POSITION
RESEARCH TECHNICIAN
REF. FIMIM 2512-CERUTTI**

THE INSTITUTE

The IMIM is the research institute of Hospital del Mar (BARCELONA) and part of the Barcelona Biomedical Research Park (PRBB). This is an exceptional environment in which to carry out translational research, with cutting-edge technological platforms available (cytometry, animal facility, microscopy, etc.) as well a close relationship with Hospital del Mar. Access to patients and samples makes it possible to directly apply the most relevant scientific advances.

POSITION

This position is part of the Research Programme for recruiting young jobseekers who wish to become involved in research and innovation initiatives, within the framework of the Recovery, Transformation and Resilience Plan, for the year 2022 (DOGC no. 8598-3 /2/2022).

OFFER

- **Technician position** in the B cell Biology Group, led by Andrea Cerutti
- **24 months** employment contract.
- Remuneration of **24,300€ gross salary per year**.
- **Flexibility measures**, contemplated in the IMIM Foundation labour regulation, will be assessed with the person in charge.

CANDIDATE REQUIREMENTS

- ✓ Degree in Biomedical Sciences or similar.
- ✓ Minimum experience of 6 months in an immunology laboratory.
- ✓ Experience with cell culture, flow cytometry, cloning, immunofluorescence microscopy and ELISA.
- ✓ Candidate must be proficient in oral and written English.
- ✓ At the time of hiring, the candidate will have to prove that they are under 30 years of age.
- ✓ At the time of hiring, the candidate must be unemployed and will have to be registered as a job seeker in the Servei Català d'Ocupació de Catalunya (SOC).

THE PROJECT

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 (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 and 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).

PRESENTATION OF CANDIDATES

Anyone interested in this offer must present a **cover letter** and **blind CV**, which should contain only information related to the candidate's academic, educational and employment data, as well as contact information.

You can submit your application at: <https://www.imim.es/ofertes/detall-oferta-temporals.html?id=2115>

For more information: acerutti@imim.es



Plan de
Recuperación,
Transformación
y Resiliencia



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de Catalunya