

Job Offer: Bioinformatician

The B cell biology group led by Prof. Andrea Cerutti at the Barcelona Biomedical Research Park (PRBB) in Barcelona (Spain) (<http://www.icrea.cat/Web/ScientificStaff/Andrea-Cerutti-452>), is looking for a highly motivated bioinformatician with a keen interest in immunology and host-microbiota interaction.

The candidate is expected to:

- 1) design large scale experiments in collaboration with other members of the group;
- 2) perform computational data analysis and interpret large scale datasets;
- 3) develop computation strategies to address specific biological questions.

Required skills and experience:

- Master or Ph.D. degree in Bioinformatics, systems Biology, Biomedicine or Immunology
- Proficiency in at least one high level programming language
- Experience in analysis of -omics datasets ((RNAseq, transcriptome analysis, NGS technologies, microbiome and metabolome data)
- Statistical skills and proficiency in standard analytical platforms (e.g. R, Matlab).
- Experience in Immunoglobulin/T cell receptor Repertoire analysis, single cellRNA seq analysis and metagenomics would be an asset.
- Proficiency in English and scientific writing skills are a must.

We offer a very stimulating and welcoming working environment in a highly competitive research group dedicated to the analysis of the cellular and signaling networks underlying mature B cell responses, including immunoglobulin heavy chain class switching and somatic hypermutation. Our research is relevant to infections, inflammation, autoimmunity, immunodeficiencies and vaccine development.

The laboratory is located at IMIM Foundation. This center is an integral part of the PRBB, one of the largest biomedical research clusters in Southern Europe. PRBB provides an intellectually stimulating environment that hosts nearly one thousand scientists organized in eighty different research groups (<http://www.prbb.org>).

Salary is competitive and commensurate with experience. This is a 1-year appointment with possibility of renewal based upon satisfactory job performance, continuing availability of funds, and on-going operational needs.

Application process

The application must include the following documents in English:

- A cover letter describing skills and motivation driving the application for this position
- A curriculum vitae, including list of publications
- details of at least two referees

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

Application in: <https://www.imim.es/job-openings>

Enquiries should be sent to: acerutti@imim.es and gmagri@imim.es indicating Bioinformatician call 2019 in the subject

Most relevant publications (last 5 years):

- Shan M. et al. Immunity 2018
- Sintes J. et al. Nature Communication 2017
- Magri G., Comerma L et al. Immunity 2017
- Chorny et al. JEM 2016
- Magri G et al. Nature Immunology 2014