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A new postdoctoral researcher position is opening at the “B cells, Autoimmunity and Immunotherapies” lab at Brest University, France

In the context of a **fully funded 5-year research program** focusing on the study of **autoreactive B cells in ANCA-associated vasculitis**, we are recruiting a talented postdoctoral researcher. Applications are invited until **September 15, 2024**, for a starting date before the end of 2024. The successful candidate will be responsible for the realization of this research project, which requires strong skills in immunology, cell biology and molecular biology. Particular expertise in **transcriptomic approaches** (single cell and spatial) and **high throughput immunophenotyping** methods (spectral flow cytometry, imaging mass cytometry) is particularly welcome. The ideal candidate will have a doctoral degree in immunology or a related field. The candidate must be highly motivated with evidence of productivity from peer-reviewed publications and scientific presentations. Excellent written and verbal communication skills are desirable.

This program takes place within our **Inserm-labeled research group in Immunology** [Homepage | B Lymphocytes, Autoimmunity and Immunotherapies - UMR 1227 \(univ-brest.fr\)](#). You will be given the opportunity to develop an independent research program within our **multidisciplinary team**, gathering B-cell experts, computational immunologists and clinicians/rheumatologists. Our cutting-edge platform gathers the most recent technologies including multiplexed tissue imaging (Hyperion and Orion systems), high throughput immunophenotyping methods (CyTOF and Aurora spectral FACS) and transcriptomic approaches (10X Chromium and CytAssit platforms), with dedicated expert staff.

This research program is part of an **international consortium** gathering experts from Mayo Clinic (Rochester MN, USA), Johns Hopkins Hospital (Baltimore MD, USA) and University of Trento (Italy). The ultimate goal of this consortium is to better understand the role of autoreactive B cells in autoimmune diseases in order to develop the next generation of immunotherapies.

The initial appointment for this position is for one year, with the potential for extension for a total appointment of **up to 5 years** based on interest and performance. This position is available Q3 2024 and will begin at a mutually agreed upon date. All qualified candidates are encouraged to apply by sending their CV with cover letter stating their current and future research interests, previous research experience and expected availability date to Prof Divi Cornec (divi.cornec@chu-brest.fr) and Prof Sophie Hillion (sophie.hillion@univ-brest.fr). Salary is based on years of experience after obtaining the Ph.D. degree and is determined by the University of Brest. Applicants must be eligible to work in France.