Post-doctoral position in Immunology at Institut Pasteur

A post-doctoral position in translational research on multiple sclerosis is available in the Unit of Cytokine Signaling, Department of Immunology, Institut Pasteur, Paris. The position is funded by the LabEx “Milieu Intérieur (MI)” research program (http://www.milieuinterieur.fr/en) and can start from October 2016.

The MI Consortium involves more than 30 research teams within Institut Pasteur and other research centers (coordinated by M. Albert and L. Quintana-Murci, IP/Inserm/CNRS). The main objective is to identify genetic and environmental factors that contribute to the variability of immune responses both at the level of the individual and the population, and ultimately to understand how genetic/phenotypic variations may account for differences in susceptibility to infection, therapeutic treatment or vaccine response.

The proposal is to study ex vivo the immune response of multiple sclerosis patients with the final goal to identify immune and molecular signatures of therapeutic responsiveness to type I interferon and/or of disease state. Standardized immune monitoring tools (Duffy et al., Immunity, 2014) and state-of-the-art techniques will be used. The specific objectives are to perform large scale profiling of mRNA and cytokine expression and multicolor flow cytometry analysis of T cell subsets.

Qualifications: The applicant should have a strong background in cellular and molecular immunology, and publications in international journals. An experience in the monitoring of cytokine, gene expression and multicolor flow cytometry is expected. An experience in the study of transcription and/or transcriptomic analysis will be an advantage. The candidate must be proficient in English.

Application Procedure: E-mail a CV, a brief description of scientific achievements and research interests and three references to frederique.michel@pasteur.fr

Duration: 1-year followed by other post-doc funding possibilities