

## Recruitment of a Research Group Leader at the INSERM Cochin Institute, Paris, France

**The You/Mallone/Scharfmann joint Laboratory is opening a position for an early/intermediate career scientist wishing to establish an independent research group.**

**The Cochin Institute** is a leading French Biomedical Research Center located on the campus of Cochin Hospital. It is composed of 33 independent research laboratories focusing on basic and translational research domains that encompass Endocrinology/Metabolism, Immunology, Developmental Biology, Cancer and Microbiology.

**The You/Mallone/Scharfmann joint Laboratory** aims at better understanding the multiple layers of cross-talk that take place between immune cells and pancreatic endocrine cells, contributing to tissue development, function and homeostasis or, in contrast, to pathological manifestations, in particular type 1 diabetes (T1D). Our project is composed of 3 major research axes:

1. Pancreatic endocrine cell function and biomarkers;
2. Immune mechanisms and biomarkers of T1D progression;
3. Development of novel immune modulatory and beta-cell protective therapeutics.

Using state-of-the-art and high throughput technologies (human beta-cell lines, immunopeptidomics, proteomics, single cell/bulk RNAseq, genetic engineering, multiparametric flow cytometry, imaging), sophisticated in vitro systems and animal models developed by the Laboratory, our research program integrates fundamental and translational research, mouse and human studies, to decipher biological mechanisms in physiological and pathological contexts, which may lead to innovative therapeutic opportunities. The identification of novel beta-cell/T-cell biomarkers and druggable targets for T1D diagnosis, prognosis or treatment aims at promoting clinical translation. In this perspective, we already have several ongoing clinical studies to screen for preclinical T1D and offer access to therapeutic trials to patients at different stages of disease. These clinical research activities are performed in liaison with our associate clinical department of adult diabetology on the Cochin site.

**We are looking for** an early/intermediate-career investigators with an attractive scientific track record and a project interfacing with the theme of the You/Mallone/Scharfmann joint Laboratory, i.e. immune-endocrine pancreas cross-talks in diabetes.

The newly recruited Research Group Leader will benefit from the support of the joint Laboratory and their research infrastructure, appropriate laboratory space and an initial startup package. She/he is expected to compete for national and international research funding and yearly calls for permanent research positions.

Applicants should send a CV with publication list and a short 1-2-page description of the research project to [sylvaine.you@inserm.fr](mailto:sylvaine.you@inserm.fr), [roberto.mallone@inserm.fr](mailto:roberto.mallone@inserm.fr), [raphael.scharfmann@inserm.fr](mailto:raphael.scharfmann@inserm.fr). Selected candidates will be contacted by email for further exchanges.

