



A 2-YEAR POST-DOCTORAL POSITION AVAILABLE

CONTEXT: A post-doctoral position funded by the French Research Agency (ANR) is open at the Inserm “Inflammation, Microbiome and Immunosurveillance” (INSERM UMR 996 UPSaclay) at the University of Paris-Saclay. The project aims at investigating the cross-talk between the CXCL12 chemokine receptors CXCR4 and ACKR3 and involves a multidisciplinary consortium of academics dedicated to G-Protein Coupled Receptors (GPCR) biology; in physiology (our laboratory), in pharmacology, in structural biology and in medicinal chemistry and computational modeling.

JOB DESCRIPTION: The successful candidate will focus on the interplay between CXCR4 and ACKR3 with regard to epithelium homeostasis (healing/aging/engrafting) and Human Papillomavirus (HPV)-Host interactions (*i.e.* analyzing the commensal to pathogenic transition). She/he will conduct molecular and translational studies using model systems such as skin organoids and state-of-the-art technologies (*e.g.* photobleaching assays, imaging and clarifying tissue, mass cytometry and histology). We have also strong collaboration with clinicians working on Immunodeficiency syndromes and have access to primary cells (*e.g.* PBMC and epithelial cells), which we use for routine assays (cell cultures, sorting, flow cytometry, multiplexed assays..) as well as high-throughput techniques performed in the surrounding technical platforms of the UPSaclay area (transcriptomics, imaging analysis, ship assays).

CANDIDATE PROFILE: We are looking for an experienced, highly motivated, independent and dynamic post-doc candidate with interest for innovation ideally with a background in virology, immunology and cell biology. The PhD candidate should have excellent communication skills, be used to work in collaborative and interdisciplinary environment and display very good proficiency in English both in writing and speaking. Experience with manipulation of cell-culture systems, multi-color flow cytometry, imaging and cell biology is desirable.

THE POSITION IS AVAILABLE IMMEDIATELY under the supervision of Dr. Françoise Bachelier, head of the INSERM UMR 996 UPSaclay in Clamart, and coordinator of the ANR program. Salary will depend on past experience of the candidate and INSERM salary scale.

To apply, please send your motivation letter describing past research accomplishments and future research interests and CV (including experience, publications list and 2 academic references) to Dr. Françoise Bachelier (francoise.bachelier@universite-paris-saclay.fr).