



Two Post-Doctoral Positions in mammalian epigenetics

CNRS, Paris, France

We are seeking two post-doctoral fellows who are highly motivated, interactive, and have a successful track record. Our group studies epigenetic regulators in mammalian cells; more precisely we are interested in the modifications of DNA (methylation, hydroxymethylation, ...), the proteins that recognize epigenetically modified DNA, and the functional consequences of these phenomena.

Our group is part of a highly successful department devoted to Epigenetics and Cell Fate. The workplace is friendly and international and the working language is English. We are located in a recent research facility in a vibrant area of Paris. The campus houses a cluster of Life Sciences institutes and provides access to state-of-the-art facilities including Genomics, Proteomics, and Imaging. Visit our website http://parisepigenetics.com/ for more details on the lab and our research interests.

Project #1
This project focuses on UHRF1, an essential protein that promotes epigenetic memory. We investigate new mechanisms that promote DNA methylation maintenance, during DNA replication and DNA repair.

Project #2
This project asks examines the dynamics of enhancer epigenetics during the differentiation of mouse ES cells. For this we will use recent genomic approaches.

Both projects will benefit from our well-established network of collaborations in France, Europe, and Japan.

A doctoral degree, experience in cellular and molecular biology, and proficiency in English, are required. To apply, please send your CV, a motivation letter, and the names of two references to:

Pierre-Antoine.Defossez@u-paris.fr

Deadline: september 30th 2021

Recent papers: Petryk NAR 2021, Cornett Mol Cell 2019, Naciri NAR 2019, Miotto NAR 2018, Ferry Mol Cell 2017