

FACULTÉ DE  
PHARMACIE  
DE PARIS



UNIVERSITÉ  
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DESCARTES



Université de Paris



A post-doctoral position is available in B. Sargueil's team "Influence of RNA structure on viral translation". We are hiring a motivated and skilled candidate to be part of the ANRS funded project

**"Impact of N6A methylation of HIV RNA genome on its translation and encapsidation".**

This project aims at evaluating the impact of a specific epitranscriptomic modification on HIV-1 viral cycle. The project stems on two main axes. First we will develop tools to analyze Adenosine methylation at the -omic scale and to specifically label methylated RNA in cellulo. This will be carried out in collaboration with Dr M. Etheve-Quellejeu's laboratory (UMR 1111), a group specialized in nucleo(s)tides chemistry. In parallel we will study the influence of N6A methylation on HIV RNA structure, translatability, dimerization and encapsidation. Some parts of this project requiring the use of HIV infected cells will be carried out in Dr R.Soto-Rifo laboratory our collaborator in Santiago (Chile).

The part of the project assigned to the post-doctoral associate mostly involves standard and RNA molecular biology as well as protein biochemistry. The candidate should hold a PhD and have experience with both molecular biology and biochemistry, he/she should be motivated, curious, willing to work in team and open to multidisciplinary projects.

The team is based in Paris center, at the Faculty of pharmacy near the Jardin du Luxembourg. It is part of the multidisciplinary "Cibles Thérapeutiques and Conception de Médicaments" CNRS Unit including, biologists, biochemists, structural biologists, physicists, computer scientists and organic chemists.

Our Multidisciplinary Group includes five permanent researchers and professors from and 1 PhD student.

**The post-doctoral position opened is a 2 year position with a 2400 €/month minimum salary**

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