



Post-Doctoral position

Cancer Research Center of Lyon - INSERM UMR1052 - Lyon, France

Viral hepatitis laboratory

The research laboratory on Viral Hepatitis at INSERM Unit UMR1052 (Cancer Research Center of Lyon – CRCL), directed by Prof. F. Zoulim, is opening a 2-years Post-Doctoral position. The Viral Hepatitis team has a longstanding experience in the study of the mechanisms of HBV persistence and the identification of novel targets for antiviral therapy. The laboratory is looking for a motivated candidate to work on a **project focused on the mechanisms regulating the transcription of the viral minichromosome**, the so-called covalently closed circular DNA (cccDNA), responsible for HBV persistence in infected cells. In particular, the project is aimed at the investigation of the **impact of HBV cccDNA chromatin architecture on viral RNA transcription, splicing and processing**.

The project is integrated in a wider, international program on “HBV cure”, in which the host laboratory is actively involved (1, 2) and is in collaboration with the “Alternative Splicing and cancer cell plasticity” team directed by Dr. D. Auboeuf at ENS - Lyon. Relevant *in vitro* and *in vivo* models for the study of human HBV infection and expertise in molecular virology and epigenetics are well established in the host laboratory. The candidate will also benefit from the scientific environment and technical platforms provided by the CRCL (<http://www.crcl.fr>). **The position is available from January 2018 for a duration of 2 years.**

The highly motivated candidate will have to hold a PhD and be experienced in cell culture and molecular biology. Experience in RNA biology, epigenetic/transcriptional regulation will be of high priority.

The candidates should send their application (C.V., letter of motivation and 2 letters of recommendation) to:

Dr. Barbara Testoni

Viral Hepatitis Laboratory

Cancer Research Center of Lyon

e-mail: barbara.testoni@inserm.fr; marieagnes.vittoz@inserm.fr

1) Durantel and Zoulim, J Hepatol 2016 Apr; 64(1 Suppl): S117-31

2) Revill et al, Nat Rev Gastroenterol Hepatol. 2016 Apr; 13(4):239-4