

Post-doctoral position: liquid state NMR analyses of Hepatitis C Virus proteins

A post doctoral position is available for 1 year at the UMR8576 CNRS-Université Lille1. The position is funded by an ANRS (National Agency for Research on AIDS and Viral hepatitis) program that involves three partners (G. Lippens, Lille; F. Penin, Lyon and R. Bartenschlager, Heidelberg), who join their knowledge in biochemistry and structural biology of proteins with molecular virology and cell biology. The candidate will join the NMR group of G. Lippens in Lille.

The NMR lab in Lille is equipped for protein production and purification (bioreactor, FPLC Akta) and for structural and functional characterization of proteins (600MHz (cryoprobe), 800MHz and 900MHz (cryoprobe) Bruker NMR spectrometers; Fluorescence spectrophotometers, access to mass spectrometry platform).

The post-doc candidate will have to perform structural and functional (protein/protein and/or protein/RNA interactions) characterization of Hepatitis C Virus proteins by liquid state NMR spectroscopy. The candidate will work on both natively unfolded and folded proteins. He/She will be in charge of acquiring the NMR experiments, of data processing and analyses.

The candidate should have a PhD, in which he (she) has used modern NMR techniques. Knowledge in biochemistry will be appreciated but is not mandatory.

Candidates for the position must be under 41 years.

Please send applications by e-mail, including CV and covering letter to Guy Lippens, guy.lippens@univ-lille1.fr (with a copy to xavier.hanouille@univ-lille1.fr)