

We are seeking a highly motivated postdoctoral scientist with an interest on the relationship between inflammatory processes and neurodegenerative/neurovascular disorders. Our group is interested in the pathological processes targeting the neurovascular unit, in particular those which compromise the integrity of the blood brain barrier.

We offer an up-to-date technical environment combining molecular & cell biology, *in vitro* and *in vivo* imaging (time lapse confocal and multiphoton microscopy, MRI), behaviour assessment, animal facilities (access to transgenic animals) and a large panel of animal models of CNS diseases.

Applicants should have a previous postdoctoral experience outside of France and should have a strong background in animal models of stroke and/or multiple sclerosis, histology and *in vivo* imaging approaches (intravital imaging and/or MRI), or alternatively in mouse genetics and behaviour.

The position is funded for an initial period of 3 years.

Important: candidates must be committed to take a competitive exam for a permanent tenure track position in one of the French state research institutions (Inserm, University), at the end of the 3 year period or before. This postdoctoral contract is thus exclusively directed to researchers aiming to establish their activity in our team after the initial period of three years.

Our team is based in Caen (Northwest of France) at the Cyceron centre, which offers world-class facilities and is funded by private and public national and international agencies. Our laboratory provides a bilingual scientific environment, and our team consists in permanent researchers (Inserm and University), students and postdocs from different countries. Our team has also established many collaborations with leading groups worldwide and is part of several international networks in particular within the framework of the European Commission Seventh Framework Programme (FP7).

Contact

Denis VIVIEN

Professor in Neurosciences - Université Caen Basse-Normandie

Professor senior Institut Universitaire de France IUF

Head INSERM UMR-S U919 "serine proteases and pathophysiology of the neurovascular unit" - SP2U

Université Caen Basse-Normandie,

GIP CYCERON

Boulevard Henri Becquerel

14073 CAEN, France

phone: 33 2 31 47 01 66/60

fax: 33 231 47 02 22

<http://www.u919inserm.fr/>