We are seeking a creative postdoctoral scientist, with good team-working abilities, interested in neuroinflammation.

Our group studies the pathological processes targeting the neurovascular unit, in particular those which compromise the integrity of the blood brain barrier (See our recent papers: Macrez et al., *Brain* 2016; Macrez et al., *Lancet Neurol* 2016., Fournier et al., *PNAS* 2017).

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.

The recruited postdoc will be in charge of a project using molecular MRI (Fournier et al., *PNAS* 2017) to study cell traffic at biological barriers (CNS and peripheral barriers) in the frame of brain-body interactions during the different phases of animal models of multiple sclerosis.

Applicants must have a strong background (technical autonomy required) in animal models of multiple sclerosis, histology and *in vivo* imaging approaches (MRI and/or intravital imaging).

One-year contract. Flexible starting date. Renewable contract. The fellow will be encouraged and assisted to apply to further postdoc findings to extend the stay.

Our team is based in Caen (Northwest of Paris) at the Cyceron centre, which offers excellent facilities and is funded by private and public national and international agencies. Our laboratory provides a multilingual scientific environment, and our team consists in permanent researchers (Inserm and University), students and postdocs from different countries. We have also established many collaborations with leading groups worldwide *via* several international networks.

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