

Post-Doctoral Position, Brain Barrier Research, Lyon

A post-doctoral position, 2 years minimum, is available in Dr Jean-François Gherzi-Egea's team in the Department of Neurooncology and Neuroinflammation of INSERM (National Institute of Health and Medical Research) in Lyon, France, to define novel specific transport and neuroprotective functions of blood-brain interfaces, including the blood-CSF barrier, in developing and adult CNS. In vivo, ex vivo, and cellular approaches will be combined. This work is part of the international collaborative project NEUROBID funded by the EU-FP7. The overall aim of the network is to use new fundamental knowledge on brain barriers to design therapeutic strategies to improve brain drug delivery. Main target disorders are non-inherited neurodevelopmental disorders and classic adult neurological disorders such as multiple sclerosis and stroke.

The city Lyon is the second largest city in France, and the team benefits from a strong scientific and technical environment. Easily connected by air and train transport with most European cities, Lyon is also a city of charm with its historical center classified "world heritage" by UNESCO.

The candidate needs to be motivated to perform animal research, to be ready to face international collaborative interactions, and ideally should have a background in cellular and molecular biology of transport systems. A previous experience in blood-brain interface research and/or CSF dynamic would be a plus.

Interested scientists should send a CV, a cover letter and contact details for referees to Dr. Gherzi-Egea (jean-francois.ghersi-egea@inserm.fr)