



BLOOD AND BRAIN @ CAEN-NORMANDIE INSTITUTE,

2022 CALL FOR TENDERS TO HOST A YOUNG RESEARCH TEAM

The « Blood and Brain @ Caen-Normandie » Institute (BB@C) under founded by Inserm, University Caen Normandy, Caen Normandie Hospital and of the Regional Council of Normandy (bb-c.fr), is recruiting an independent junior team to participate in its ambitious research program. The aim of BB@C is to host unique and competitive research programs – junior teams to optimize and strengthen innovations in the field of blood-brain interactions, with particular focuses on neurovascular disorders, neuroinflammation, brain aging and mental disorders.

BB@C is hosted at the imaging platform CYCERON (www.cyceron.fr). BB@C fosters interactions between academic research laboratories (phind.fr; cermn.fr), technical platforms (cyceron.fr; esrp.fr) and hospital services (chu-caen.fr) and 6 startups.

The brain develops and functions in a controlled environment that results from the coordinated action of different cellular interfaces located between the blood and the brain parenchyma. This is also true between the blood and the spinal cord. Neurovascular diseases, such as strokes, neuro-immune diseases, including multiple sclerosis (MS) and age-related brain disorders, some psychiatric disorders are the causes and / or consequences of disturbances homeostasis between blood and nervous tissues. Thus, understanding the interfaces between the blood and the brain is a challenge for the coming decades to improve our knowledge of neurological and psychiatric disorders and identify ways to better diagnose and cure these diseases.

Applicants are expected to propose an independent research project in the fields of activity of BB@C mentioned above (it could be molecular, cellular, physiological, imaging or clinical, epidemiology programs). The aim of this call is to provide the first essential support for setting up a junior team. The position is available for a first period of three years, and must be considered as a springboard for a candidature to a permanent position of researcher. The starting grant package includes 3 years of salary for the candidate (2.5 KE monthly net), the funding of a doctoral student for 3 years (110 KE) and 150 KE of operating funds for 3 years. The successful candidate will have the necessary laboratory space, offices and access to equipment according to the defined rules (free premises and accommodation, access to large devices of the platform).

Candidates with excellent track records are invited to submit a single file including their CV, the complete list of publications, a summary of scientific achievements, proposed research (maximum 3 pages), and contact details for two referees to Pr Denis VIVIEN, vivien@cyceron.fr. Pre-selected candidates will be invited to present their research program and to exchange with our international scientific board.

Contact person: Pr Denis VIVIEN, vivien@cyceron.fr, +33 (0)2 31 47 01 66 / +33 (0)6 76 60 26 52

Deadline for submission: March 1st 2022, Auditions before July 1st 2022, Starting date: October 1st 2022 and no later than December 2022