

PhD recruitment

starting October 1st 2019

At INSERM-Université de Caen-Normandie UMR-S U1237
"Physiopathology and Imaging of Neurological Disorders"
GIP Cyceron, Bd H. Becquerel, CAEN, France
PhIND.fr and cyceron.fr

MARIE SKŁODOWSKA-CURIE ACTIONS - Innovative Training Networks (ITN)-
Call: H2020-MSCA-ITN-2018

"ENTRAIN"

ENdoThelium macRophage Alliance In Neuroinflammation (ENTRAIN) that will focus on the interaction of brain endothelial cells and macrophages with the aim of identifying new treatment strategies for neurological disorders.

Project Title and Work Package(s) to which it is related: pvMΦ and endothelial cell interactions during stroke and MS, WP2
Objectives: 1) To test the role of endothelial cell and pvMΦ interactions in ischaemic stroke-induced brain damage; 2) To test the role of endothelial cell and pvMΦ interactions in MS-induced brain damage; 3) To discriminate the influence of pvMΦ versus microglial during these diseases.
Expected Results: 1) Increase our knowledge on the role of pvMΦ on brain inflammatory processes; 2) Provide evidence that targeting pvMΦ endothelial cells interactions could be beneficial for stroke and/or MS treatment; 3) Validate an imaging biomarker of cerebral inflammatory processes to be used in humans.
Planned secondment(s): IEMHAS (Adam Denes), month 9-11, to use an established technique for depletion of microglia; BOEHRINGER, month 20-23, to investigate how tPA may influence these processes.

Early-stage researchers (ESR) shall at the time of recruitment (ITN, COFUND) or secondment (RISE) by the host organisation, be in the first four years (full-time equivalent research experience) of their research careers and have not been awarded a doctoral degree.

Full-time equivalent research experiences measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited or seconded, irrespective of whether or not a doctorate is or was ever envisaged.

Mobility rules: At the time of the relevant deadline for submission of proposals (IF), or recruitment by the host organisation (ITN), researchers shall not have resided or carried out their main activity (work, studies, etc) in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date. Compulsory national service and/or short stays such as holidays are not taken into account. As far as international European interest organisations or international organisations are concerned, this rule does not apply to the hosting of eligible researchers. However the appointed researcher shall not have spent more than 12 months in the 3 years immediately prior to the reference date, depending on the action, in the same appointing organization.

Contact:

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- Team A leader "tPA and neurovascular disorders"
GIP CYCERON
- Head « Centre de Ressources Biologiques - InnovaBIO » et Cellule Innovation Diagnostique et Thérapeutiques - CIDT, Centre Hospitalier Universitaire de Caen Normandie (vivien-d@chu-caen.fr)

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