Two PhD and one Postdoctoral Position in Developmental Neurosciences/Neurovascular Biology/Signal Transduction. Université Libre de Bruxelles (ULB), Belgium.

Within the CNS, endothelial cells acquire a set of protective properties (the so-called blood-brain barrier) limiting the penetration of blood-borne substances and pathogens into the brain parenchyma and maintaining brain homeostasis. Dysfunction of the blood-brain barrier is a common trait of many CNS disorders, including epilepsy, stroke and neurodegenerative diseases. Conversely, through its protective role, the barrier precludes therapeutic or diagnostic drugs to accumulate in effective concentrations at their target site within the CNS.

The laboratory of neurovascular signaling has job openings for two PhD students and one post-doctoral fellow to investigate the pathways instructing brain vascular development and physiology.

Please follow this link to discover the lab (http://nvasc.ulb.be/vanhollebekelab/). The laboratory is part of the ULB Neuroscience Institute, a multi-disciplinary research institute of over 20 research teams, with research interests ranging from molecular and cellular neurobiology to cognitive and clinical neurosciences. The Université Libre de Bruxelles is one of the largest Research Universities in Belgium, with a student population of 24,000 and about 1,800 PhDs in progress. Founded in 1834, ULB has a long tradition of excellence in Research with four scientific Nobel Prizes, one Fields Medal, three Wolf Prizes and two Marie Curie Excellence Awards.


Profiles

PhD applicants are recently graduated from biology, bioengineering or related masters and ranked amongst the first tier of their master. Command of written and spoken English would be advantageous.

We are seeking a highly motivated post-doc with published evidence of aptitude for high quality research in disciplines related to developmental biology, vascular biology, neurosciences or signal transduction. Candidates with previous experience with zebrafish are strongly encouraged to apply.

How to apply?

Interested applicants should email their CV, a cover letter and at least two reference letters to the attention of Benoit Vanhollebeke (Benoit.Vanhollebeke@ulb.ac.be). The positions are available immediately. Application deadline: December 20th 2017.