Announcement of post-doc scholarship at the Department of Clinical Sciences, division of Neurology, Translational Neurology Group

Vascular dysfunction in neurodegeneration

We are recruiting a highly motivated and committed candidate with preferably a background in vascular biology, tumour biology and/or neuroscience for a postdoctoral training to the research group “Translational Neurology” at the Wallenberg Neurocentrum and Wallenberg Centrum for Molecular Medicine, Lund University, Sweden.

Bridging between the lab and the clinic, our group is interested in cutting-edge neuroregenerative therapies spanning from mechanistic studies for target identification all the way to clinical trials. We examine the dysfunction of the neurovascular unit with a special focus on pericytes as key players in neuroinflammation and neurodegeneration and potential target cells for brain repair. Our research is translational, involves human samples and has a close connection to clinical implementation.

The project will focus on the histological and molecular characterization of vascular cells in in vivo models of Parkinson’s disease and glioblastoma and in human samples. The candidate will work with in vivo models, confocal and light sheet imaging, transcriptomics and proteomics.

Our group is a member of centres of excellence in neurodegenerative disease research (www.med.lu.se/multipark) and regeneration (www.wcmm.lu.se). The environment at Lund University, Sweden provides excellent post-doctoral training in state-of the art techniques, numerous guest lectures and workshops.

Reference number: V 2020/985

Scholarship period: The scholarship covers a period of 6 months with possibility of prolongation up to a maximum of 24 months in total.

Preliminary start date: 2020-07-13

Supervisor/contact person: Gesine Paul-Visse ; e-mail: Gesine.paul- visse@med.lu.se
Qualifications:

- To be eligible for a post-doc scholarship at Lund University the recipient must hold a PhD degree within a relevant field. The PhD degree must not be from Lund University. The PhD degree must not be older than three years. The applicant must not have been employed at Lund University in the past two years.
- Candidates should have an outstanding academic performance and track record in vascular biology, tumour biology and/or neuroscience.
- Expertise in advanced immunohistological techniques and animal handling/surgery is a requirement for this position and experience in specifically Parkinson disease models and/or tumour models is a strong advantage.
- Candidates need to speak and write excellent English.

Written application, including reference number, is to be sent via e-mail to the supervisor and must include the following:
- CV
- Personal letter stating the reasons why the study suits the applicant (maximum one page)
- List of publications
- References (2)
- PhD diploma

Application deadline: 2020-06-01

Information regarding scholarships at Lund University
- The scholarship sum is paid out quarterly
- A scholarship awarded will be reviewed every six months
- Scholarships are tax-exempt
- Scholarships do not give rise to sickness benefits, compensation from the Social Insurance Office or retirement pension.
- A scholarship holder cannot be hired after the scholarship period due to tax reasons.
- The scholarship follows the regulations established by the Vice-Chancellor of Lund University (June 27th 2013; Reg. No PE 2013/356).