Department of Clinical Science, Malmö
Scholarship

Announcement of post-doc scholarship at the Department of Clinical Science, Malmö.

Mechanisms and significance of IAPP-induced brain pericyte loss

The project aims to understand the underlying mechanisms behind IAPP-induced brain pericyte death, how this event may affect the blood brain barrier and whether it is linked to cognition decline and neurodegeneration. Studies will be performed by using advanced 3D cell culture models and results will be verified in clinical samples (brain / retina tissue and plasma). Methods such as protein assays, qPCR, immunostainings and proteomics will be used and an experience in these methods as well as handling cell culture is preferred. Research experience within the fields of Alzheimer’s disease or amyloidosis and T2D is an advantage. Engaged scientists with the ability to cooperate and communicate with colleagues are particularly encouraged to apply.

Reference number: V 2020/406

Scholarship period: The scholarship covers a period of 12 months with possibility of prolongation up to a maximum of 24 months in total.

Preliminary start date: 2020-05-01

Supervisor/contact person: Malin Wennström, +46 40 335733, malin.wennstrom@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 year. The applicant must not have been employed at Lund University in the past two years.
- The applicant should have a background in neuro- and molecular biology and a general knowledge of Alzheimer’s disease or amyloidosis.
- The applicant should be well experienced in performing cell culture experiments and have a keen interest in learning new biomedical technologies.
- The applicant should be fluent in English, not afraid to take initiatives and be able to communicate and collaborate with colleagues.

**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)

**Application deadline:** 2020-04-15

**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.