Announcement of post-doc scholarship at the Department of Clinical Sciences, division of Infection Medicine

Project name
Host defense peptides: therapeutic applications

The Schmidtchen Laboratory at Lund University is inviting applications for a postdoctoral fellow to study the role of host defense peptides and their potential therapeutic applications in animal models of wound and inflammation. The laboratory has a great international environment and provides opportunities to develop your career. The position has a strong translational focus and might include involvement in preclinical studies and development of new diagnostics and therapeutics. We exploit new scientific discoveries on natural host defenses for novel therapies and we specialize in the development of proprietary peptide-based drugs for prevention and treatment of inflammatory diseases and infections.

Reference number: V 2018/1967

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: 2019-01-01

Supervisor/contact person: Artur Schmidtchen, Tel: 045-2224522, e-mail artur.schmidtchen@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.
- Experience with in vivo techniques involving mouse models is a must. Proficiency in histology, IHC and microscopy (light and fluorescence) and image analysis softwares (e.g. Image J). Basic cell biology techniques including ELISA, SDS-page, Western blot and other basic protein assays. Basic cell culture techniques. Bacterial culture and other microbiological
assays such as viable count assay. Experience in IVIS imaging is an advantage

- Job requires writing scientific reports and publications. Prior experience of writing for scientific publications is a must.

**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:** 1 December, 2018

**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.