Lund University is one of Europe's leading universities. Here, history and tradition lay the ground for the study and research environments of tomorrow. We offer education and research within engineering, science, law, social sciences, economics and management, humanities, theology, fine art, music and theatre. Through interaction with business and the community we ensure that knowledge and innovations benefit society. The University has 47,000 students and 7,200 staff from all over the world, based mainly in Lund, Malmö and Helsingborg. We work with 680 partner universities in more than 50 countries.

Lund University invites applications for the following position:

**Post-doctoral scholarship**

**Placement:** Department of Experimental Medical Science  
**Ref No:** V 2017/1216  
**Duration:** 6 months. The scholarship can be drawn for a total of two years.  
**Starting time:** November 1st or according to agreement  
**Last day for applying:** September 30th

**Description:**

Brain Disease Biomarker Unit, located at Department of Experimental Medical Sciences, Lund University focus on peripheral pathology in Huntington`s disease.

The holder of the scholarship will mainly participate on a research project investigating mechanisms underlying energy metabolism alterations in Huntington`s disease, using a combination of in vitro and in vivo approaches.

The main tasks involve designing and conducting research pertaining to the project and includes obtaining, analysing and managing data acquired for the project.

Further, the holder of this scholarship will be writing high quality, academic papers to be submitted to international journals. The majority of these tasks should be done independently and in collaboration with both internal and external members of the team. The position also entails mentoring of
doctrinal and masters students.

**Qualifications:**

We are seeking a highly motivated person with a Ph.D. in a relevant area and at least one first authorship publication. Excellence in molecular biology and state of the art histology. A strong background in neurodegeneration or energy metabolism is a merit but not necessary. Excellence in the English language (written and spoken) is a prerequisite.

**Necessary Qualifications:**

- PhD (or equivalent) in cell and molecular biology, physiology or biotechnology from no more than three years ago.

- Ability to carry out independent and high-quality research as documented through the thesis and peer-reviewed publications

- Experience with data handling and analysis, including statistics

- Experience with state-of-the-art in vivo modelling, including behavioural assessment

- Good written and verbal communication skills, including proficiency in English

- Experience in mentoring and/or supervision

**In addition to the above qualifications, the desired qualifications are as follows:**

- Background in neurodegeneration
- Experience with standard cell and molecular biology techniques
- Experience with in vivo animal models
- Experience with cell and tissue imaging, including image analysis

**The application should contain:**

Applications shall be written in English and submitted online. The following documents need to be submitted together with a cover letter:
CV with: contact information for three references, proven record of quantitative research skills and performance, e.g. academic publications, reports; and evidence of mentoring experience

**For further information please contact:**
Maria Björkqvist
Research group leader
Tel: +46 46 222 05 25
Application
Application must state the reference number V 2017/1216 should be sent to HR Coordinator by e-mail: Sofia.Sonnerstedt@med.lu.se

Information regarding post doc scholarships at Lund University
• The scholarship amounts are paid quarterly.
• The scholarship follows the regulations laid down by the University Vice-Chancellor (LS 2010/68, A13).
• The scholarship is intended for the holder’s own education/professional development and does not constitute remuneration for work or other service that has been carried out or will be carried out on behalf of the University.
• The scholarship does not give any entitlement to sickness benefit, parental allowance, holiday pay or pension.
• The host faculty/department and the scholarship holder shall draw up in writing an agreed plan for the studies/development.
• The Scholarship holder is to be informed about the length of the stay, assured social conditions, and continual review of the scholarship holder’s development.
• The Scholarship holder is to be informed about insurance covering the scholarship holder and the need to check his/her own insurance requirements.
• The scholarship holder is to be treated equally to students/researchers in the same situation but with different sources of funding.
• The scholarship holder is to be assured and to contribute to a good working environment.
• The Scholarship holder is to be informed about the risk of possible retrospective taxation in Sweden in cases where the scholarships are administered and paid out by LU and the scholarship holder gains employment at LU shortly after the period of the scholarship.
• There may be a risk of the scholarship holder being taxed in his/her home country; the scholarship holder should investigate this before the period of the scholarship.