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 2020/1437  
**Duration:** 6 months. The scholarship can be drawn for a total of two years.  
**Starting time:** 1/12/2020  
**Last day for applying:** 1/11/2020

**Description:**

We are looking for a post-doctoral research to strengthen our team in behavioural neuroscience. We are currently interested in interrogating neural circuit function with the use of transgenic animal lines, viral vector based transgene expression and methods to perturbate cell activity, such as optogenetics and chemogenetics. We are interested in capturing neuronal cell populations in the midbrain that are involved in specific behavioural states. In the project we use a wide array of technologies, some of which the candidate should have mastered during the doctoral training and there should be a willingness to learn additional techniques. The applicant will work with research animals and should be comfortable to do so.

**Qualifications**

Animal handling (surgeries, behavior, perfusion)  
Molecular biology (basic cloning)  
AAV vector production  
Immunohistochemistry  
Microscopy  
Electrochemistry
Eligible candidates must have obtained their PhD within the last three years. Moreover, eligible candidates must not have held positions at Lund University within the last two years.

**The application should contain:**

Please submit your application with curriculum vitae and PhD Diploma.

**Information:**

Andreas Heuer, A/Prof. In Neuroscience  
Tel: 070 883 62 98  
E-mail: andreas.heuer@med.lu.se

**Appointment procedure:**

Applications with CV is to be sent to Andreas Heuer via e-mail:  
[andreas.heuer@med.lu.se](mailto:andreas.heuer@med.lu.se)

Dnr V2020/1437 shall be indicated on the application.

**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.