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 respiratory immunology**

**Placement:** Department of Experimental Medical Science  
**Ref No:** V 2019/693  
**Duration:** 6 months with the possibility to extend (the intended total time is 12-24 months).  
**Starting time:** 2019-06-01 or according to agreement  
**Last day for applying:** 2019-05-10

**Description:**
An up to two-year post-doctoral position is available for a highly motivated recent Ph.D. or M.D./Ph.D. graduate to join a translational research project between the Unit of Airway inflammation, Department of Experimental Medical Science, Lund University, Dept of Respiratory Medicine, Lund University Hospital as well as leading pharmaceutical industry partners in the USA and UK. The research to be conducted concerns immune processes in inflammatory airway conditions like asthma, COPD and respiratory infections. The project will use advanced histological tools to map the infiltration and activation status of tissue infiltrating immune cells in disease groups and control subjects (and human lung explants). The immune cell patterns will be related to local tissue disturbances as well as clinical manifestations (clinical data). The methodological focus will be on state-of-the-art histological assessments. Relevant techniques include confocal laser microscopy, advanced in situ-hybridization, single and multidimensional immunohistochemistry techniques and state-of-the-art computerized image analysis. The patient cohorts to be analyzed will involve validated, study groups of patients with different severities of COPD, asthma as well as...
patients with respiratory infections. Through our collaborators the research project will also involve modern molecular, genomic and bioinformatic approaches.

**Qualifications**

Dedicated individuals with a recent (within 3 years) Ph.D. or M.D./Ph.D., and strong publication records and excellent academic credentials are encouraged to apply. The ideal candidate should have technical proficiency and scientific creativity in one or more of the following areas: airway inflammation/immunology, respiratory biology, histological techniques and computerized image analysis and bioinformatics. The candidate must also have knowledge in statistics. Fluency in English is a requirement. Eligible candidates must not have held positions at Lund University within the last two years.

**The application should contain:**

Please submit your application with cover letter, curriculum vitae and PhD Diploma.

**Contact for Further Information:**

Jonas Erjefält, Prof. Head, Unit of Airway Inflammation  
Tel: +46 46 2220960  
E-mail: jonas.erjefalt@med.lu.se

**Appointment procedure:**

Applications with CV is to be sent to Jonas Erjefält via e-mail: jonas.erjefalt@med.lu.se

Dnr V 2019/693 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.