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 2021/1906  
**Duration:** 6 months but possibility to extend the scholarship for a total of two years.  
**Starting time:** 2021-09-01  
**Last day for applying:** 2021-08-03

**Description**

An up to two-year post-doctoral position is available for a highly motivated Ph.D. or M.D./Ph.D. graduate. The successful candidate will join a translational research collaboration between the Unit of Airway Inflammation, Department of Experimental Medical Science, Lund University, Dept of Respiratory Medicine, Lund University Hospital, and pharmaceutical industry partners. The research to be conducted concerns new innovative explorations of immune processes in asthma, COPD and respiratory infections. The project uses advanced histological approaches to reveal the composition and activation status of immune cells and inflammatory mediators in blood leukocyte preparations and lung tissues from clinically well-characterized patient groups and control subjects. Relevant techniques include confocal laser microscopy, advanced in situ-hybridization, single-multiplex immunohistochemistry and state-of-the-art computerized image analysis. The patient cohorts are from asthmatics with different severities and treatments, COPD phenotypes, as well as patients with respiratory infections (including SARS-CoV-2 / COVID-19). Through our collaborators the research project also involves supplementary non-histological molecular, genomic and bioinformatic approaches.
Qualifications
Dedicated individuals with a recent 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 / or bioinformatics. The candidate must also have knowledge in statistics. Fluency in English is a requirement.

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
Professor Jonas Erjefält
Tel: +46 46 222 0960 or +46 702535207
E-mail: jonas.erjefalt@med.lu.se

Appointment procedure
Applications with CV is to be sent to HR Coordinator Anna Borg via e-mail: anna.borg@med.lu.se

Dnr V 2021/1906 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.