



The Department of Experimental Medical Science, Division of Molecular Vascular Physiology hereby announces a postdoc scholarship

Lund University was founded in 1666 and repeatedly ranks among the world's top 100 universities. The University has 46,000 students and more than 8,000 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition. Lund University welcomes applicants from diverse backgrounds and experiences. Gender equality and equal opportunities and diversity are fundamental principles in all parts of the University's activities. The purpose of postdoctoral development is to promote internationalization and contribute to qualifications within research following the completion of a doctoral degree.

Lund University's Faculty of Medicine hereby welcomes applications for a postdoctoral scholarship:

Reference number: V2024/1345

Placement: Department of Experimental Medical Science, Division of Molecular Vascular Physiology

Duration: 12 months

Preliminary start date: 1/8-2024

Application deadline: 2024-06-19

Contact person/supervisor: Sebastian Albinsson, +46703782945,
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Evaluating novel animal models and imaging techniques to assess vascular disease.

The project includes the use of animal models of atherosclerosis and hypertension and a novel model for vascular smooth muscle specific deletion of specific genes. The project also involves the use of advanced in vivo and ex vivo imaging techniques in collaboration with LBIC at Lund University. The scholarship recipient will improve skills to develop models

and techniques to evaluate vascular disease, which can be useful in future scientific work.

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 older than three years**.
- The applicant must not have been employed at Lund University in the past two years prior to the preliminary start date.
- Medical Degree
- PhD in vascular physiology
- Experience using in vivo mouse models
- Experience of standard techniques in vascular physiology such as pressure and wire myography

Written application including reference number is sent by email to the contact person and is to contain:

- PhD diploma
- CV
- Personal letter, stating the reasons why the project suits the applicant (maximum one page)
- List of publications
- References (2)

Information regarding scholarships at Lund University

- The scholarship follows Lund University regulations STYR 2020/1283.
- Scholarships are intended for the recipient's own education and do not represent remuneration for work carried out on the University's behalf.
- The department and the recipient are to formulate, in writing, an agreed study plan for the recipient's development.
- The postdoctoral scholarship is paid quarterly.
- Approved scholarships are reassessed every six months. Scholarship recipients are to complete their education/career development and satisfy attendance requirements in accordance with their course plan/study plan/professional development plan. In the event of misconduct, or if the recipient is not deemed able to complete their education/career development due to illness or on other grounds, scholarship funds that have been granted but not yet paid may be withdrawn.

- The scholarship is a gift and is therefore not taxed. It is possible that the recipient may be taxed in their home country – something the recipient should investigate beforehand.
- Scholarships do not entitle the recipient to sick pay, parental leave, holiday pay or pensions.
- The recipient is not entitled to subsistence allowance for travel.
- The recipient is protected by insurance coverage but must check their own insurance requirements.
- Scholarships to a single individual at Lund University may not exceed a total of 24 months.
- The recipient is to be treated equally with other students in the same situation regardless of financing while being assured of and contributing to a good work environment.