



FACULTY OF MEDICINE

Dnr: V XXXX/XXX

May 8, 2024

Department of Experimental Medical Science
Scholarship coordinator

The Department of Experimental Medical Science, Lab of Regenerative Neurophysiology hereby announces an education 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.

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

Reference number: V 2024/1010

Placement: Department of Experimental Medical Science, Lab of Regenerative Neurophysiology

Duration: 6 months

Preliminary start date: 15-08-2024

Application deadline: 03-06-2024

Contact person/supervisor: Daniella Rylander Ottosson, +46 46 2220559,
E-mail: daniella.ottosson@med.lu.se

Studying myelination in human embryonic stem cell (hESC)-derived neurons

The scholarship aims to allow a student to learn and participate in a research project in the Regenerative Neurophysiology lab. The system will involve human embryonic stem cell (hESC)-derived neurons and oligodendrocytes to explore and enhance the processes of neuronal maturation and myelination. Techniques will include cell culturing, immunocytochemistry, myelination and metabolic studies, molecular techniques, and genomics/bioinformatics.

Qualifications/abilities required:

- Education of master's degree in molecular biology, biotechnology, neurobiology or similar.
- Hands-on human or mouse neuronal cell culture experience of at least 6 months
- Documented experience in neuronal reprogramming strategies
- Eligible candidates must be admitted to an education.

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

- CV.
- Cover letter, explaining why the nature of the studies suits the applicant.
- References.
- Documents that show that the student has been admitted to first or second-cycle studies (e.g. LADOK certificate of registration or the equivalent).

Information about receiving a scholarship from 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 education scholarship is paid monthly.
- 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.