



May 14, 2024

Department of Laboratory Medicine

## **The Department of Laboratory Medicine, Division of Molecular Medicine and Gene Therapy hereby announces a postdoc scholarship in Regenerative and Cancer Biology**

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:** V 2024/934

**Placement:** Department of Laboratory Medicine, Division of Molecular Medicine and Gene Therapy

**Duration:** 2 years

**Preliminary start date:** 1 September 2024

**Application deadline:** 15 June 2024

**Contact person/supervisor:** Nicholas Leigh  
Email: [Nicholas.leigh@med.lu.se](mailto:Nicholas.leigh@med.lu.se)

## **Postdoc scholarship in Regenerative and Cancer Biology**

The scholarship holder will delve into the interface of regenerative and cancer biology. Salamanders have tipped the balance from tumorigenic to regenerative outcomes after carcinogen treatment. This project is designed to interrogate the genes and factors that ensure regenerative outcomes using a combination of CRISPR and sequence-based readouts. Using sequencing-

based technologies coupled with bioinformatic approaches the scholarship holder identify genes and/or epigenetic factors that are determinants for regeneration and the balance between regeneration and tumorigenesis. The scholarship holder will learn and hone their bioinformatic skills, adapting and implementing tools to work with salamanders massive, transposon-expanded genome.

### **Qualifications:**

- To be eligible for a post doc scholarship at Lund University the recipient must hold a PhD degree within a relevant field, preferably with previous experience of blood-related research.
- 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.
- A documented record of scientific pre-prints or publications within the field of biology or informatics.

### **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.