



## Postdoc Scholarship at the Department of Clinical Sciences Lund, Division of Skeletal Molecular Biology

Lund University was founded in 1666 and is repeatedly ranked among the world's top 100 universities. The University has around 46 000 students and more than 8 400 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 with diverse backgrounds and experiences. We regard gender equality and diversity as a strength and an asset. The purpose of postdoctoral development is to promote internationalization and contribute to qualifications within research following the completion of a doctoral degree.

Lund University, Faculty of Medicine hereby invites applications for a postdoctoral scholarship:

**Reference number:** V 2023/2657

**Placement:** Department of Clinical Sciences Lund, Division of Skeletal  
Molecular Biology

**Scholarship period:** 2 years

**Preliminary start date:** December 1<sup>st</sup> 2023

**Last day for applying:** November 29<sup>th</sup> 2023

**Supervisor/contact person:** Paul Bourguine, +46 46 222 0771,  
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### Study of the human bone marrow niches for disease modelling

We announce a scholarship opportunity to learn on the engineering of human bone marrow niches for disease modelling. The scholarship is set up to offer a training opportunity in key techniques including 3D cell culture, quantitative microscopy, tissue engineering and single omics analysis. It will also consist in an opportunity to be exposed and trained for a comprehensive understanding of the human bone marrow niche field in healthy and leukemic context. This scholarship is particularly suited for

newly graduated students with deep interest in the hematopoietic and stem cell microenvironment field, with a desire to expand their technical and scientific portfolio. Specifically, the scholar will be exposed to the formation of human ossicles and its exploitation as model to test therapies.

### **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.
- The applicant must have strong experience in bone marrow niche biology, demonstrated by peer-reviewed publications in the field
- The applicant must have strong experience in leukemia and associated chemotherapy, demonstrated by peer-reviewed publications in the field
- The applicant must be able to work with animals and possess a FELASA certificate or equivalent
- The applicant should be trained in flow cytometry, confocal and intravital microscopy, cell culture
- The applicant should have an excellent level of written/oral English

**A written application, including reference number, is to be sent via e-mail to the supervisor and must include the following:**

- 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 the regulations established by the Vice-Chancellor of Lund University, Reg. No STYR 2020/1283.
- 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 host faculty/department and the scholarship holder shall draw up in writing an agreed plan for the project/development.
- The scholarship amount is paid out quarterly.

- The granted scholarship is reviewed every six months. Scholarship recipients are to complete their education/career development and be present in line with their project plan/professional development plan. In the event of misconduct, or if the recipients are not deemed able to complete their education/qualification due to illness or on other grounds, scholarship funds that have been granted but not yet paid may be withdrawn.
- Scholarships are tax-exempt. 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.
- The scholarship holder is not entitled to sickness benefit, parental allowance, holiday pay or pension.
- The scholarship holder is not entitled to subsistence allowance during travel.
- The scholarship holder is to be treated equally to students/researchers in the same situation regardless of the sources of funding and the scholarship holder should be ensured and contribute to a good working environment.