

LiU hereby advertises a Postdoctoral Scholarship in Pediatric Neuroscience

Research environment

You will work in the Division of Children's and Women's Health (BKH) that is part of the Department of Biomedical and Clinical Sciences at Linköping University. The work is carried out in a newly established research group in Pediatric Neuroscience. Our aim is to define the cellular and molecular mechanisms of cell death and inflammation that follow neonatal brain injury, and to investigate the therapeutic potential of pharmacological and cell-based treatments.

Research project

You will start a new project aimed at investigating the post-ischemic neuroinflammatory response, vasculature changes and glial scar formation in a model of neonatal brain injury. You will also participate in ongoing research projects and collaborate with other lab members. You will work both in vivo and in vitro, perform behavioral assessments, 3D imaging, immunohistochemistry and stereology, and possibly omics analysis.

Qualifications and requirements

Scholarships can only be awarded to foreign citizens with a doctoral degree or equivalent obtained in a country other than Sweden. The date of the doctoral degree must be no more than four years before the application deadline, exceptions are made for e.g. parental or sick leave. The applicant must not have been employed by Linköping University previously.

Scholarship may not consist solely of research collaboration with a mutual exchange of methodological and technical expertise but must also contain a well-defined training element and a qualification plan must be established for the scholarship period.

The applicant must have or be about to receive a doctoral degree in a subject relevant to the research project. In addition, the applicant must have:

- Expertise in paediatric neuroscience and inflammation
- Knowledge of programming languages for data analysis and machine learning
- FELASA certificate and extensive expertise with laboratory animals
- Good communication skills in English, both written and verbal
- Good knowledge in scientific writing proven by publication output

Starting date

Preferably Autumn 2025 but the start date is negotiable.

Appointment and Conditions

Appointment is initially for one year with a possibility of an extension up to a total time for receiving a scholarship from Linköping University which cannot exceed two years.

The scholarship amounts to SEK 28,500:-/month (tax-free) (~€ 2,650/month). Funding can be available to participate in conferences.

Essential information about healthcare, insurances etc. can be found [here](#).

Questions are welcome to lisa.dobrosch@liu.se

Application procedure

The following documents (in pdf-format) must be submitted when applying for a scholarship

1. Cover letter, max 1 page, describing your background, research interests and what makes you interested in the fellowship.
2. Qualification plan, max 1 page, describing clearly what qualifications you want to obtain during the scholarship period.
3. CV, max 4 pages, including contact details to three reference persons.
4. Full publication list.
5. Copy of passport, PhD diploma, and MSc transcripts with grades.

The application should be sent electronically to lisa.dobrosch@liu.se. Mark the email with Dnr. BKV-2025-00535 on subject line.

Applications deadline

August 3rd, 2025