

LiU hereby advertises a Postdoctoral Scholarship in Cardiac Sodium Channels

Research environment

You will take part in research activities at the [Pantazis laboratory](#), Division of Cell and Neurobiology, Department of Biomedical and Clinical Sciences at Linköping University.

Research project

The project involves the study of a new variant of the cardiac sodium channel. More specifically, there will be characterization of the variant at the single-channel level, as well as in the cellular level (cardiomyocytes).

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. The applicant should have background knowledge and practical training in sodium channels, especially relevant to cardiomyocytes. Specific practical skills required for the project are low-noise, single-channel recording and analysis; and electrophysiological and microscopy studies on cardiomyocytes. Previous experience with scientific writing (articles, fellowships) is meritorious.

Starting date

Negotiable, preferably during January-February, 2026

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-2025-00690 on subject line.

Applications deadline

October 17, 2025