

LiU hereby advertises a Postdoctoral Scholarship in Tumour Immunology and Immunotherapy

We seek a highly motivated and skilled postdoctoral researcher with a proven track record in cancer biology and/or immunology to join our team.

Research environment

You will take part in research activities in the [Division of Molecular Medicine and Virology](#) in the [Arvelund research group](#). The group focusses on tumour immunology and immunotherapy.

Research project

The candidate will be part of a research program that integrates experimental mouse models, patient material and cutting-edge technologies to study how the immune system can be harnessed to develop cancer immunotherapies. In particular, we are studying how oncolytic virotherapy can be used in synergy with immunotherapy to achieve optimal immunity against lymphomas. The project aims to uncover the role of tumor heterogeneity and tissue-specific microenvironments, and the mechanisms that drive resistance to immunotherapy, using methods such as spectral flow cytometry, confocal imaging and single-cell RNA-sequencing. The candidate will have opportunities for presentation at departmental and institutional meetings, and at national and international meetings.

Qualifications and requirements

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

Required qualifications

- Extensive experience with cell culture, immunological assays including multi-color flow cytometry, molecular biology, and work with mouse models
- You should be able to work independently as well as within a team
- You should be able to take responsibility for reaching set goals and be willing to learn new techniques and new concepts
- The position requires the ability to work independently on data analysis and visualization of data for presentations and publications, as well as manuscript and grant writing
- In addition, we seek a candidate who is self-motivated, well-organized, and with strong communication skills
- Fluency in written and oral English is essential

Meriting qualifications

- Additional experience with gene knockdown techniques, sequencing techniques and bioinformatic analyses will be highly valued

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.

Starting date

June 2025 with flexibility

Appointment and Conditions

Appointment is initially for two years with a possibility of an extension for one or two additional 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-2025-00295 on subject line.

Applications deadline

May 11, 2025