

# LiU hereby advertises a Postdoctoral Scholarship in HIV Molecular biology and Immunology Research

## Research environment

You will take part in research activities in Professor Marie Larsson group, which focus on **immunovirology**, particularly the intricate interactions between viruses such as HIV-1 and dendritic cells (DCs) and their role in T cell activation and the events of primary HIV infection of mucosal tissues. Larsson's group is part of Division of Molecular Medicine and Virology (MMV). At MMV the focus is on understanding how different factors and signaling pathway regulate cells and tissue development and how different viruses infect and affect cellular functions and our immune system.

## Research project

The project focuses on elucidating the molecular and epigenetic effects that RNA viruses exert on immune cells, particularly dendritic cells and T cells, as well as on tissue environments. We aim to uncover how viral infection alters cellular pathways, gene expression programs, and regulatory networks. By integrating molecular biology, epigenomics, and advanced sequencing approaches, we will identify key mechanisms driving these virus-induced changes. Understanding these processes will provide insights into how immune responses are shaped during infection.

## 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: PhD in infectious disease, extensive experience working with spheric organoid models, drug screening, RNA viruses such as Flaviviruses, and work in BSL3 laboratory.

High ability to design and plan experiments and good oral and written scientific communication skills

## Starting date

February 1<sup>st</sup>, 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](mailto: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](mailto:lisa.dobrosch@liu.se). Mark the email with Dnr. BKV-2025-00936 on subject line.

## Applications deadline

Dec 14, 2025