



UPPSALA
UNIVERSITET

PhD student

Published: 2023-04-19

Uppsala University is a comprehensive research-intensive university with a strong international standing. Our ultimate goal is to conduct education and research of the highest quality and relevance to make a long-term difference in society. Our most important assets are all the individuals whose curiosity and dedication make Uppsala University one of Sweden's most exciting workplaces. Uppsala University has over 54,000 students, more than 7,500 employees and a turnover of around SEK 8 billion.

The Department of Medical Cell Biology at Uppsala University is a strong and international research environment. The department has more than 110 employees, of which about 25 are doctoral students, 10 postdoctoral fellows, and 40 researchers, teachers and professors.

Daniel Espes' research group (<https://www.scilifelab.se/fellows/daniel-espes/>) is working to increase the understanding of beta cell physiology and the adaptations of beta cell mass in health and disease, with the main focus on type 1 diabetes. Most of the work is translational in nature and we work with clinical trials in parallel with experimental studies.

[Read more about our benefits and what it is like to work at Uppsala University](#)

Duties

A four-year fully funded PhD position is now available in Daniel Espes' research group at the Department of Medical Cell Biology at Uppsala University. The research group is part of SciLifeLab and Uppsala Diabetes Center (UDC), which opens up great opportunities for a doctoral education with both excellence and breadth.

We are looking for a highly motivated and committed PhD student to work in translational projects focused on the physiology of islets of Langerhans. The main focus will be on increasing our understanding of new aspects of beta cell physiology and how the interaction between endocrine cells and their environment that can affect their function and survival/growth. The projects will include both in vivo work with experimental animal models of diabetes and in vitro studies of isolated islets of Langerhans and other tissues. Several imaging techniques will be used to conduct detailed studies of the pancreas and islets of Langerhans from both human and experimental material. Through his/her doctoral studies, the doctoral student will deepen his/her knowledge in the relevant subject area and is also expected to actively participate in the exchange of knowledge within the research group.

The PhD project comprises four years of full-time studies. Other meritorious duties at the university relating to education and administrative work may also be added (max 20%), which extends the employment by up to one year.

You will be supervised by a main supervisor and at least one co-supervisor.

Requirements

To meet the entry requirements for doctoral studies, you must

- hold a Master's (second-cycle) degree in medicine, bioinformatics, biology, or related subjects.
- have completed at least 240 credits in higher education, with at least 60 credits at Master's level including an independent project worth at least 15 credits.
- have acquired substantially equivalent knowledge in some other way.
- The applicant should be able to work independently but also be good at working in teams. Furthermore, the applicant should be highly motivated, meticulous and goal-oriented.
- Applicants should be able to express themselves well, both orally and in writing, in English.
- Particular emphasis will be placed on documented experience of experimental work and previous publications.

Additional qualifications

A medical degree is a merit, but not a strict requirement, as most of the projects are of a translational nature.

The application should be written in Swedish or English and contain a personal letter including a brief description of research interest and relevant experience. Also attach a curriculum vitae (CV) and copies of degree certificates and grades and, if applicable, a list of publications. Please also send letters of recommendation and/or contact details to two reference persons (name, role, e-mail address and telephone number).

Rules governing PhD students are set out in the Higher Education Ordinance chapter 5, §§ 1-7 and in [Uppsala University's rules and guidelines](#).

About the employment

The employment is a temporary position according to the Higher Education Ordinance chapter 5 § 7. Scope of employment 100 %. Starting date as agreed. Placement: Uppsala.

For further information about the position, please contact: Daniel Espes, daniel.espec@scilifelab.uu.se

Please submit your application by May 3 2023, UFV-PA 2023/1494.

Are you considering moving to Sweden to work at Uppsala University? [Find out more about what it's like to work and live in Sweden.](#)

Please do not send offers of recruitment or advertising services.

Submit your application through Uppsala University's recruitment system.

Placement: Department of Medical Cell Biology

Type of employment: Full time , Temporary position

Pay: Fixed salary

Number of positions: 1

Working hours: 100%

Town: Uppsala

County: Uppsala län

Country: Sweden

Union representative: ST/TCO tco@fackorg.uu.se

Seko Universitetsklubben seko@uadm.uu.se

Saco-rådet sacco@uadm.uu.se

Number of reference: UFV-PA 2023/1494

Last application date: 2023-05-03

Apply for position