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## PhD student in vascular biology

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Published: 2023-03-06

**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 Immunology, Genetics and Pathology at Uppsala University has a broad research profile with strong research groups focused on cancer, autoimmune and genetic diseases. A fundamental idea at the department is to stimulate translational research and thereby closer interactions between medical research and health care. Research is presently conducted in the following areas: medical and clinical genetics, clinical immunology, pathology, neuro biology, neuro-oncology, vascular biology, radiation science and molecular tools. Department activities are also integrated with the units for Oncology, Clinical Genetics, Clinical Immunology, Clinical Pathology, and Hospital Physics at Akademiska sjukhuset, Uppsala. The department has teaching assignments in several education programmes, including Master Programmes, at the Faculty of Medicine, and at the Disciplinary Domain of Science and Technology. The department has a yearly turnover of around SEK 500 million, out of which more than half is made up of external funding. The staff amounts to approximately 345 employees, out of which 100 are PhD-students, and there are in total more than 700 affiliated people. Feel free to read more about the department's activities here: [www.igp.uu.se](http://www.igp.uu.se)

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

## **Duties**

PhD student position is available for a highly motivated individual with interest in vascular/developmental biology to join the laboratory of Dr. Taija Mäkinen at Uppsala University, Dept. of Immunology, Genetics and Pathology. Research in the lab focuses on understanding the regulation of the lymphatic vasculature in physiological and pathological conditions. By utilizing unique genetic tools and single cell RNA sequencing datasets developed in the lab, the selected candidate will address one of the following topics, agreed depending on the candidate's expertise and interests: 1) functional characterisation of organ-specific lymphatic endothelial progenitor cells, and/or 2) novel (organ-specific) functions of lymphatic endothelium in homeostasis and disease.

Further information on the activity of the research group can be accessed at [www.makinenlab.com](http://www.makinenlab.com)

## **Requirements**

The applicant should have MSc degree in a relevant area (e.g. Molecular Biology). Experience with experimental research, molecular and cell biology and (confocal) microscopy are required. Experience with tissue dissection, preparation and staining as well as image processing and analysis would be advantageous. Strong merit would be knowledge of vascular and/or developmental biology. Good skills in oral and written English are required.

The application should include a CV, copies of exams, degrees and grades, contact details of two references and a short description of the applicant and his/her experience. Letters(s) of recommendation may be included.

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 1 June 2023 *or* as agreed. Placement: Uppsala

**For further information about the position, please contact:** Taija Mäkinen, email: taija.makinen@igp.uu.se.

**Please submit your application by: March 20 2023, UFV-PA 2023-331.**

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 Immunology, Genetics and Pathology

**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 2023/331

**Last application date:** 2023-03-20

**[Apply for position](#)**