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PhD position in Translational Autoimmunity

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The Department of Medical Biochemistry and Microbiology (IMBIM) at Uppsala University provides a broad international environment for research and teaching. Research at IMBIM broadly spans the areas of biochemistry, cell and molecular biology, tumour biology, comparative genetics, functional genomics, immunology, bacteriology, and virology. The research is essentially of fundamental nature, but with relevance and application in health and disease in both animals and humans. More info: <https://www.imbim.uu.se/research-areas/>.

Project description and working tasks

We are looking for a highly motivated person, with an ability to work independently and in collaboration with other groups. The candidate should have a strong interest in pursuing a PhD degree in the field of immunology with a focus on autoimmunity.

The research programs of the Translational Autoimmunity group, headed by Nils Landegren, explore mechanisms in autoimmune and unexplained diseases. Two main themes of the research are: 1) large-scale studies of autoantibody responses as a means to understand disease mechanisms and improve diagnostics, 2) studies of genetic factors and hormonal states conferring sex differences in immune-related diseases. More info: <https://www.imbim.uu.se/research-groups/genetics-and-genomics/nils-landegren/>

The project will investigate the roles of cytokine autoantibodies in infectious disease. The work will involve developing new methods for large-scale analysis of cytokine autoantibodies and applying this technology to characterize patient cohorts.

The successful candidate will engage in research and doctoral studies. Other duties at the department, i.e. administration and teaching, may be included in the employment up to a maximum level of 20 %.

Qualifications

The person we are looking for should have a master's degree or equivalent (240 ECTS) in molecular biology, biotechnology or similar, providing basic theoretical and practical knowledge. Experience in molecular biology laboratory work should be demonstrated through a MSc project.

The applicant must be fluent in written and spoken English. The candidate is expected to take initiative driving the project, but also to collaborate within the group and with other groups. Emphasis will be given on personal qualities, including analytical capacity, accuracy, flexibility and collaborative skills.

Additional merits or desired skills

Experience of molecular biology techniques, and autoantibody screening in particular, are meritorious.

The selection is based on the following criteria

Completion of the above qualifications, grades in relevant courses, suitability of the courses to the research program, previous experience in working and/or performing research in the wider area that relates to the project described above. An integrated assessment of the applicant is generated in order to employ the best possible candidate that can succeed in the doctoral studies and contribute to a positive development of the department and the research program.

To be employed as a PhD student, the applicant must be accepted in a doctoral program. Information concerning doctoral education, requirements and rules of admission can be found at [PhD studies - Disciplinary Domain of Medicine and Pharmacy - Uppsala University, Sweden \(uu.se\)](#)

The length of the study period for full time employment is a maximum of four years. Terms for graduate studies can be found in Högskoleförordningen 5 kap 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 soon as possible or as agreed. Placement: Uppsala

Application

Please submit your application using the Uppsala University application portal, by including a CV, a letter describing your research interest and skills, publications or a copy of master thesis or equivalent, contact information of two referees (phone number and e-mail address).

For further details, please contact: Nils Landegren, nils.landegren@imbim.uu.se

You are welcome to submit your application no later than September 27 2023, UFV-PA 2023/3378.

Are you considering moving to Sweden to work at Uppsala University? If so, you will find a lot of information about working and living in Sweden at www.uu.se/joinus. You are also welcome to contact International Faculty and Staff Services at ifss@uu.se.

Uppsala University is a broad research university with a strong international position. The ultimate goal is to conduct education and research of the highest quality and relevance to make a difference in society. Our most important asset is all of our 7,500 employees and 54,000 students who, with curiosity and commitment, make Uppsala University one of Sweden's most exciting workplaces.

Read more about our benefits and what it is like to work at Uppsala University <https://uu.se/om-uu/jobba-hos-oss/>

Please do not send offers of recruitment or advertising services.

Submit your application through Uppsala University's recruitment system.

Placement: Department of Medical Biochemistry and Microbiology

Type of employment: Full time , Temporary position

Pay: Local agreement

Number of positions: 1

Working hours: 100%

Town: Uppsala

County: Uppsala län

Country: Sweden

Union representative: Saco-rådet saco@uadm.uu.se

ST/TCO tco@fackorg.uu.se

Seko Universitetsklubben seko@uadm.uu.se

Number of reference: UFV-PA 2023/3378

Last application date: 2023-09-27

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