



UPPSALA  
UNIVERSITET

# PhD student in Cancer Precision Medicine

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**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

A PhD student position is available for a highly motivated individual with interest in tumor targeting and drug delivery to perform the research under supervision of Assoc. Prof. Anzhelika Vorobyeva at Uppsala University, Department of Immunology, Genetics and Pathology. Research focuses on development of targeted agents for theranostics of ovarian cancer. The goal of the project is to investigate the feasibility of using scaffold proteins conjugated to cytotoxic drugs for targeting ovarian cancer-associated proteins. The focus will be put on radiolabeling and biological characterization of conjugates based on scaffold proteins in vitro and in vivo.

The successful candidate will devote most of the time towards his/her research level education. Other service activities within the department, e.g. education and administrative work can be included within the framework of the employment (maximum 20%). The position will be extended with the time devoted to teaching to allow four years of full-time graduate studies.

### **Requirements**

To meet the entry requirements for doctoral studies, you must hold a Master's (second-cycle) degree in Medical Science or Pharmacy. Experience in laboratory work, molecular biology techniques (e.g. immunoassays, western blot), cultivation of human cancer cells, work with radioactive isotopes are required. Excellent skills in oral and written English are required.

Very strong merits would be experiences with experiments with human cancer cells, radio-based assays in vitro, analytical methods of protein analysis (mass spectrometry, chromatography), pathological evaluation of tissues (immunohistochemistry).

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:**

Assoc. Prof. Anzhelika Vorobyeva, phone +46 70 838 74 87, email [anzhelika.vorobyeva@igp.uu.se](mailto:anzhelika.vorobyeva@igp.uu.se)

**Please submit your application by 2023-10-05, UFV-PA 2023/3455.**

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.](#)

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 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](mailto:tco@fackorg.uu.se)

Seko Universitetsklubben [seko@uadm.uu.se](mailto:seko@uadm.uu.se)

Saco-rådet [saco@uadm.uu.se](mailto:saco@uadm.uu.se)

**Number of reference:** UFV-PA 2023/3455

**Last application date:** 2023-10-05

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