



# PhD position in cancer biology (neuro-oncology)

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Uppsala University is a comprehensive research-intensive university with a strong international standing. Our mission is to pursue top-quality research and education and to interact constructively with 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 42,000 students, 7,000 employees and a turnover of SEK 6.7 billion.

**The Department of Immunology, Genetics and Pathology (IGP)** at Uppsala University ([igp.uu.se](http://igp.uu.se)) has a broad research profile with strong research groups focused on genomics, cancer and molecular diagnostics. One goal of IGP is to promote a close collaboration between clinical and pre-clinical researchers. Research is presently conducted in the areas of medical and clinical genetics, clinical immunology, bioinformatics, pathology, tumor biology and vascular biology. The department is also integrated with the units of clinical genetics, clinical immunology and clinical pathology-cytology at Akademiska Hospital, Uppsala. IGP is involved in many educations at the Medicine and pharmacy domain but is also involved in teaching at the Science and technology domain. IGP provides a well-developed infrastructure for studying molecular medicine. The yearly turnover is around 400 million SEK and there are approximately 680 employees or affiliated personnel, of which more than 100 are PhD-students.

## **Project description:**

A PhD student position is open in Senior lecturer Lene Uhrbom's research group at IGP, Uppsala University. We are looking for a highly motivated person with a deep interest in studying brain tumor development with the goal to uncover basic mechanisms, signaling pathways and target proteins to which new efficient and specific therapies can be developed. The project is focused on studies of patient-derived cell cultures and in vivo models of brain tumor development, and comprises a wide variety of techniques and analyses (in vivo, tissue, cell and molecular biology

methods and bioinformatics analyses). More information about the research group can be found at: <http://igp.uu.se/research/neuro-oncology/lene-Uhrbom/>

The PhD student position covers full-time graduate studies during maximum 4 years, but additional assignments at IGP such as teaching and administrative work can be included with a maximum of 20% of the employment. The position will in such case be extended with the corresponding amount of time to allow four years of full-time graduate studies.

### **Qualifications:**

You must have a completed MSc degree in a relevant area (e.g. biomedicine or molecular biotechnology) and a certificate in Laboratory Animal Science (both theory and practice). You need to be highly motivated, focused, structured and able to work independently as well as in teams. You need to have excellent skills in oral and written English. Documented practical experience from experimental cancer research (in vivo, tissue, cell, molecular and bioinformatics methods) and knowledge of cancer biology (in particular brain tumors) are considered meritorious. Personal characteristics such as collaboration skills, drive, creativity, problem-solving skills, scientific conceptual maturity and ability to work under time-pressure will also be considered in the collective evaluation of the applicant.

Employment as PhD student requires that the applicant is accepted or will be accepted to the postgraduate program where the ability to assimilate such education is a crucial factor. Information about research education, how to apply and the rules for acceptance to the postgraduate program at Uppsala University can be found here: [medfarm.uu.se/utbildning/forskarniva/vill\\_du\\_borja/](http://medfarm.uu.se/utbildning/forskarniva/vill_du_borja/)

### **Application procedure:**

The application should include a cover letter where the applicant briefly describes him/herself, previous experiences and the motivation for applying, a complete CV including contact details (email and phone number) to at least two references, attested copies of exam certificates, exam project and other documents that support qualifications and/or personal characteristics that the applicant wishes to refer to.

The postgraduate education is regulated by Högskoleförordningen Chapter 5 §§1-7 and by the rules and regulations of Uppsala University: <http://regler.uu.se/>

Uppsala University strives to be an inclusive workplace that promotes equal opportunities and attracts qualified candidates who can contribute to the University's excellence and diversity. We welcome applications from all sections of the community and from people of all backgrounds.

**Salary:** According to local agreements for PhD students at Uppsala University.

**Starting date:** As soon as possible

**Type of position:** Full-time

**For further information about the position please contact:** Senior lecturer Lene Uhrbom, lene.uhrbom@igp.uu.se

**Welcome to submit your application by the latest 13 February, UFV-PA 2018/4479.**

We decline offers of recruitment and advertising help. We only accept the application the way described in the advertisement.

Placement: Department of Immunology, Genetics and Pathology

Type of employment: Full time , Temporary position longer than 6 months

Pay: Fast lön

Number of positions: 1

Working hours: 100 %

Town: Uppsala

County: Uppsala län

Country: Sweden

Union representative: Seko Universitetsklubben seko@uadm.uu.se

ST/TCO tco@fackorg.uu.se

Saco-rådet sacco@uadm.uu.se

Number of reference: UFV-PA 2018/4479

Last application date: 2019-02-13

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