



UPPSALA
UNIVERSITET

PhD position in the area of Microbiome and Biomarker Research

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 44.000 students, 7.100 employees and a turnover of SEK 7 billion.

The department of Medicinal Chemistry conducts research and teaching in the field of drug discovery. More information about the department and ongoing research and teaching is found at <http://www.ilkk.uu.se/>. The department has a total of about 85 employees.

Project: The position in Biomarker Discovery is available in the laboratory of Associate Professor Daniel Globisch at the Department of Medicinal Chemistry. The Globisch laboratory is an international and multidisciplinary research group (<http://www.ilkk.uu.se/research-groups/biomarker-discovery/>). Our research focus lies on the development of new methodologies to enhance the scope of quantitative and qualitative metabolomics-based research to simplify the discovery of disease-specific small molecule biomarkers in human samples. Example literature: *Angew. Chem. Int. Ed.* 2018, 57, 13805-13809; *Chem. Sci.* 2018, 9, 6233-6239; *Proc. Natl. Acad. Sci. U. S. A.* 2013, 110, 4218-4223. The discovery of these specific early-stage biomarkers is crucial for the future development of disease diagnostics towards personalized treatment. This highly interdisciplinary project in this cutting-edge research area will include techniques at the interface of Chemistry and Biology with a combination of Chemical Biology techniques, Organic Chemistry, analysis of human samples, mass spectrometric analysis of metabolites, and investigation of metabolic pathways. Our team is currently searching for highly motivated and enthusiastic PhD student with passion and enthusiasm for science to support our ongoing interdisciplinary research projects.

Required Qualification: The applicant must have fulfilled all requirements to start a PhD with a Master's education or equivalent in the fields of Chemical Biology, Organic Chemistry, Biochemistry, or a related area. The successful candidate would preferably have laboratory experience in this research field with a strong background in Chemical Biology techniques, Organic Chemistry, chemoselective modification as well as mass spectrometric analysis of human samples. Good English speaking, reading and writing skills are required. Highly motivated and enthusiastic candidates interested in interdisciplinary research with strong interpersonal skills are preferred.

Application: The application must include the following documents:

1. Motivation letter with research interests and experience as well as one paragraph on recent developments in Microbiome Metabolism
2. Curriculum Vitae
3. All university transcripts
4. Contact information for at least two references

PhD program: The PhD program comprises four years of full-time study. General information about the PhD program, eligibility requirements and admission regulations can be found at the Faculty of Pharmacy, Uppsala University is available at <http://www.medfarm.uu.se/utbildning/forskarniva/>. Regulations regarding this position can be found in Högskoleföordningen Chapter 5, 1-7 § and the [University rules and guidelines](#).

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 agreement for PhD students.

Starting date: As soon as possible, but no later than June 15th 2019.

Type of employment: Temporary position for four years.

Type of position: Full time position.

For specific information about the research project and the laboratory for the announced Ph.D. position please contact: Associate Professor Daniel Globisch (daniel.globisch@scilifelab.uu.se).

For specific information about the general employment at Uppsala University please contact: the Head of the Department Professor Anders

Karlén (anders.karlen.ilk.uu.se).

Applications must be submitted no later than April 23 2019, UFV-PA 2019/1153.

Please do not send offers of recruitment or advertising services. Applications must be submitted as described in this advertisement.

Placement: Department of Medicinal Chemistry

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

Pay: Fixed pay

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 2019/1153

Last application date: 2019-04-23

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