



PhD Research Fellowship in Immunopharmacology

Job description

A four-year full time PhD Research Fellowship in Immunopharmacology (position code 1017) including 25 % of compulsory work is available at the Department of Pharmacology, Institute of Clinical Medicine, The Faculty of Medicine, University of Oslo (UiO). The compulsory work will be performed for UiO:Life Science.

More about the position

The position is available from October 1st 2019.

The announced position is part of the UiO:Life Science convergence environment REA:Life: <https://www.uio.no/english/research/strategic-research-areas/life-science/research/convergence-environments/realife/>. Convergence environments are interdisciplinary research groups that will aim to solve grand challenges related to health and environment. They are funded by UiO's interdisciplinary strategic area UiO:Life Science www.uio.no/life-science.

REA:life (Rediscovery of medicinal plant usage in the "Age of Exploration": From cultural historical heritage to innovative pharmaceuticals) is an interdisciplinary natural and cultural sciences project that aims to retrieve lost medicinal knowledge through tracing the prevalence of disease and the history of societies' increasing awareness of epidemiological diseases during the Age of Exploration (15th - 18th century). We aim to identify novel bioactive compounds in historical medicinal plants using cutting edge methods in pharmacology, immunology, and metagenomics.

The candidate will work on discovering novel immunomodulatory plant-derived compounds extracted from medicinal plants identified in historical records, and elucidate how these compounds interact with and modify cells of the immune system. The work will involve in vitro screening of compounds to test for activity within leukocyte sub-populations, pinpoint immunoreceptors involved, and test how selected compounds affect the gut immune system and the gut microbiota after oral administration in an animal model.

The candidate will work in the research group of professor Marit Inngjerdengen at Department of Pharmacology, Institute of Clinical Medicine. The Inngjerdengen research group is focusing on innate lymphocytes and how they may control inflammation and cancer. The candidate will be co-supervised by associate professor Helle Wangenstein at School of Pharmacy, University of Oslo and researcher Bastiaan Star at Centre for Ecological and Evolutionary Synthesis, University of Oslo.

The research fellow must take part in the Faculty of Medicine's approved PhD program and is expected to complete the project and to follow the PhD program at the Medical faculty in order to obtain a PhD. The main purpose of the fellowship is research training leading to the successful completion of a PhD degree.

The applicant must, in collaboration with her/his supervisor, within 3 months after employment, have worked out a complete project description to be attached to the application for admission to the doctoral program.

Qualification requirements

- Master degree-level education within the fields of molecular biology, immunology, or pharmacology.
- Experience with cell culture, flow cytometry, and/or immunological techniques is an advantage.
- Candidates must have fluent oral and written communication skills in English and a Scandinavian language.
- The candidate will work in a very ambitious interdisciplinary setting that will require high flexibility.

Candidates that complete their Master degree within 30.8.2019 can apply.

We offer

- An exciting research environment with opportunities for academic development.
- salary NOK 479 600 to NOK 504 700 per annum depending on qualifications in a position as PhD Research fellow (position code 1017)
- Attractive welfare benefits and a generous pension agreement, in addition to Oslo's family-friendly environment with its rich opportunities for culture and outdoor activities

How to apply

The application must include:

Application letter describing the applicant's qualifications and motivation for the position

CV (summarizing education, positions and academic work)

A complete list of publications

Copies of educational certificates, transcript of records

Letters of recommendation or names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number)

The application with attachments must be delivered in our electronic recruiting system, please follow the links "apply for this job". Foreign applicants are advised to attach an explanation of their University's grading system. Please note that all documents should be in English (or a Scandinavian language).

Applicants who are invited for an interview are asked to provide educational certificates, diploma or transcript of records.

Formal regulations

Please see the [guidelines and regulations](#) for appointments to Research Fellowships at the University of Oslo.

No one can be appointed for more than one PhD Research Fellowship period at the University of Oslo.

According to the Norwegian Freedom and Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

The appointment may be shortened/given a more limited scope within the framework of the applicable guidelines on account of any previous employment in academic positions.

The University of Oslo has an [agreement](#) for all employees, aiming to secure rights to research results etc.

Contact information

- Professor Marit Inngjerdingen, Institute of Clinical Medicine, Department of Pharmacology, e-mail: mariti@medisin.uio.no
- HR-adviser Karoline Berg-Eriksen, (questions regarding the online application form), e-mail: Karoline.berg-eriksen@medisin.uio.no

About the University of Oslo

The University of Oslo is Norway's oldest and highest ranked educational and research institution, with 28 000 students and 7000 employees. With its broad range of academic disciplines and internationally recognised research communities, UiO is an important contributor to society.

The Institute of Clinical Medicine (Klinmed) is one of three institutes under the Faculty. Klinmed is responsible for the Faculty's educational and research activities at Oslo University Hospital and Akershus University Hospital. With about 800 employees spread over approximately 425 man-labour years, Klinmed is the university's largest institute. Our activities follow the clinical activity at the hospitals and are spread across a number of geographical areas.

Jobbnorge-ID: 172251, Søknadsfrist: Avsluttet