



Jobbnorge ID: 241757
Deadline: 4/30/2023
Website: <http://www.uio.no/>
Scope: Fulltime
Duration: Temporary

PhD-research fellowship in neuroscience

Job description

Applications are invited for a 3-year PhD-research fellowship in neuroscience at the [group of Synaptic Physiology](#), Institute of Basic Medical Sciences, University of Oslo. The project, which is supported by the institute, aims to study how noradrenaline release contributes to mnemonic function in the hippocampus. The applicant will work in a multidisciplinary team, and the main work responsibilities will be to perform microsurgeries, two-photon microscopic imaging, and behavioral analyses in mice. The student will be supervised by [Dr. Hua Hu](#) and [Dr. Koen Vervaeke](#). Research of these two groups focuses on neural circuits (Roth and Hu, 2020, Nature Communications; Kriener B et al., 2022, Cell Reports; Chambers AR et al., Cell Reports, 2022) and spatial representation (Hennestad E. et al., 2021, Cell Reports) in the cortex and hippocampus. The position is available from September 2023.

More about the position

The fellowship period is 3 years. The research fellow must take part in the Faculty's approved PhD program and is expected to complete the project within the set fellowship period. 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 three months after employment, have worked out a complete project description to be attached to the application for admission to the doctoral program. For more information, please see our web site: Doctoral degree: [PhD in medicine and health sciences - Faculty of Medicine \(uio.no\)](#)

Qualification requirements

- The applicant must hold a Master's degree (120 ECTS) or equivalent in one of the following disciplines: neuroscience, biology, psychiatry, or medicine, with a minimum grade of B in the ECTS grading scale (or an equivalent grading system). The Master's degree must include a thesis of at least 30 ECTS.
- The Applicant must have fluent oral and written communication skills in English eventually: and a Scandinavian language.

Personal skills

When evaluating the application, we will prioritize applicants with the following skills electrophysiology, confocal imaging, and analyses of rodent behaviors. Competence in computer modeling and programming is a plus. Furthermore, special emphasis will be placed on the relevance of the candidate's educational background.

We offer

- A challenging and friendly working environment.
- Salary NOK 501 200 - 553 500 per annum depending on qualifications in a position as PhD Research fellow.
- Favorable pension arrangements.
- Attractive welfare benefits.

How to apply

The application must include

- A one-page statement of motivation, research interests, and a brief description of previous relevant experience.
- CV with a complete publication list
- Copies of educational certificates
- Names and contact details of 2-3 references (name, relation to candidate, e-mail, and telephone number)
- Optional: letters of recommendation.

The application with attachments must be delivered in our electronic recruiting system, please follow the link "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.

Applicants may be called in for an interview.

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 of 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.

Inclusion and diversity are a strength. The University of Oslo has a personnel policy objective of achieving a balanced gender composition. Furthermore, we want employees with diverse professional expertise, life experience and perspectives.

If there are qualified applicants with disabilities, employment gaps or immigrant background, we will invite at least one applicant from each of these categories to an interview.

Contact information

For further information please contact Dr. Hua Hu, e-mail: huah@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 Basic Medical Sciences overall objective is to promote basic medical knowledge in order to understand normal processes, provide insight into mechanisms that cause illness, and promote good health. The Institute is responsible for teaching in basic medical sciences for the programmes of professional study in medicine and the Master's programme in clinical nutrition. The Institute has more than 300 employees and is located in Domus Medica.

Additional information

Place of service:

Domus Medica, Sognsvannsveien. 9 0317 Oslo (Oslo Municipality)