UNIVERSITETET I OSLO

**Jobbnorge ID:** 164274
**Deadline:** 2/26/2019
**Website:** http://www.uio.no/
**Scope:** Fulltime
**Duration:** Temporary

# PhD position in Neuroscience

## Job description

A PhD position in Neuroscience is available in the group of Associate Professor Koen Vervaeke: http://vervaeke-lab.org/. The lab is located at the Division of Physiology, Institute of Basic Medical Sciences (IMB), at the University of Oslo. The project is funded by the National Research Council. The position is initially for a period of 3 years and available from June 1, 2019.

## More about the position

We are searching for highly motivated candidates with a strong interest in cortical circuits. We aim at determining cortical circuit functions in awake behaving animals using optical and electrophysiological methods. The position is funded by the National Research Council to study the role of specific neuron types in the cortex, and their roles in behavioral state-dependent processing and memory consolidation. The candidate will use in-vivo two-photon imaging and electrophysiology techniques to record neuronal activity, and optogenetic perturbations to identify cell-specific contributions to facilitating the dialogue between the cortex and hippocampus.

The main purpose of the fellowship is research training leading to the successful completion of a PhD degree.

For more information, please see our web site : https://www.med.uio.no/english/research/phd/application/index.html

## Qualification requirements

- The applicants must have experience with at least one of the following disciplines; in vivo electrophysiology, in vivo two-photon microscopy, optogenetics, animal behavior or computational neuroscience.
- The candidates should be handy and be comfortable working with rodents.
- The applicant must also possess a familiarity with data analysis in MATLAB.
- The candidate should be able to work independently and structured, while at the same time engage in close collaborations with a multidisciplinary team.
- Team-working abilities and personal skills are highly valued.
- In assessing the applications, special emphasis will be placed on the relevance of the candidate’s background.
- An excellent command of English is required.

## We offer

- A challenging and friendly working environment
- Salary level between NOK 449 400 - 497 000 depending on qualifications
- Favourable 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
- Copies of educational certificates
- 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 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 (or a Scandinavian language).

## Formal regulations

Please see the guidelines and regulations for appointments to Research Fellowships 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 University of Oslo has an agreement for all employees, aiming to secure rights to research results etc.

### Contact information
For further information please contact Anna Chambers, e-mail: anna.chambers@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 0317 Oslo (Oslo Municipality)