

# UiO : Faculty of Medicine

## University of Oslo

### **Description of Position –Associate Professor of Medicine (Physiology) at the Institute of Basic Medical Sciences**

A permanent position is available at the Department of Molecular Medicine, Division of Physiology, Institute of Basic Medical Sciences, for an Associate Professor in medicine in the subject area of physiology.

In the Department, the Division of Physiology has strong traditions in neuroscience and circulatory physiology with a prominent international profile. The Division consists of ten professors/associate professors, research engineers and a large number of postdoctoral fellows, PhD students, Master's students and medical students in the medical research training program. Research techniques range from molecular biology to in vivo recordings in transgenic animal models and humans, to investigate physiological processes from cellular to systems levels. The Division has common laboratory facilities for histology, cell culture and molecular biology, and has access to core facilities at the Institute. The Division runs multiple two-photon microscopes, some of which are part of national infrastructure. Current research activities encompass topics related to the nervous system, the cardiovascular system, and functional interactions between them. We wish to recruit a candidate with a research focus in physiology that synergizes with the Division's ongoing research, particularly in systems physiology.

As successful applicant, you will be able to establish a dynamic and innovative research program with potential to recruit high caliber PhD students and postdocs from external funding. You will be expected to initiate and lead research, supervise PhD candidates, secure external funding, participate in teaching and in exam duties and carry out administrative tasks.

We aim to recruit a candidate in a rising career phase who has already demonstrated a promising research trajectory. Candidates must fulfil all qualification requirements. In addition, you must provide a clear research plan and external funding strategy. The research plan must include a description on how your work will complement and synergize with ongoing research in the Division and the Department. High ambitions and quality of teaching, research and communication are expected.

The Division of Physiology is responsible for teaching physiology to students in medicine (majority), nutrition and dentistry, and to students in the PhD and medical research training programs at the Faculty of Medicine. Candidates must document in their application and demonstrate during the evaluation process that they are qualified to engage in teaching. A degree in medicine (MD or equivalent) is considered an advantage but not mandatory for the position. More information about the teaching curriculum can be obtained from the Faculty of Medicine. Teaching can be expected to encompass areas of physiology that lie outside of the candidate's specific research area.

According to the regulations at the Faculty of Medicine, the person appointed will lead and initiate research, supervise researchers, participate in teaching students and research fellows and undertake duties in connection with examinations, as well as undertaking administrative tasks as required by the prevailing regulations.

High ambitions and quality of teaching, research and communications is expected.

The successful applicant will have a plan for development of her/his research, and for acquiring externally funded research projects. High quality of research, and publishing in peer-reviewed international journals is expected. The applicant is asked to describe his/her research profile, with respect to strategic plans and existing research at the institute/department.

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Within 6 months after appointment the successful candidate must provide a 3 year plan for future research in line with the institute's/department's strategic priorities. The plan is to be presented for the head of institute/department.

Strong interpersonal skills and the ability to create an attractive research environment will be emphasised. Active collaboration, also interdisciplinary and internationally is expected.

The basis for the assessment of the applicant will include the education and training, scientific production and quality, professional and academic experience, teaching experience and qualifications as well as the documented experience in administration and management. As part of the ranking of qualified applicants, the full scope of these qualifications will be explicitly assessed. Particular weight will be attached to qualifications that are central to the job description. Educational and scientific qualifications will carry more weight than other qualifications. Originality and innovation will be given priority before volume, and recent publications will be weighted higher than older.

Following evaluation by an external committee, interviews will be held and references collected, and the applicants will be required to give one or more trial lectures.

In the final review and recommendation, emphasis will be laid on skills related to the job description, the evaluation done by the assessment committee, evaluation of personal suitability for the position based on interviews and references obtained, pedagogical qualifications and ability to disseminate scientific knowledge, plans for further research and ambitions for his/her teaching.

Applicants who at the time of appointment cannot provide documentary evidence of basic teaching competence, must acquire such competence in the course of a period of three years.

Applicants who are not competent in Norwegian, Swedish or Danish must acquire such competence within two years subsequent to their appointment, and must be competent in English in the interim period.

The University of Oslo wishes to appoint more women to permanent academic positions. Women are encouraged to apply. The University of Oslo also wishes to appoint more people from ethnic minorities to permanent academic positions. Women and minorities are encouraged to apply.

The University of Oslo has an intellectual property agreement that applies to all employees, with the aim of securing rights to research results etc.

Date: xx.xx.2021

Approved by Lene Frost Andersen  
Head of Institute