



UNIVERSITETET
I OSLO

Jobbnorge ID: 213781

Deadline: 11/24/2021

Website: <http://www.uio.no/>

Scope: Fulltime

Duration: Temporary

Researcher Position Examining Structure / Function of Cardiac Muscle Cells University of Oslo, Norway

Job description

Applications are invited for a 2-year researcher position. The position will examine the structure and function of cardiac muscle cells, and be based at the Institute for Experimental Medical Research (IEMR) located at Oslo University Hospital / University of Oslo.

Contraction and relaxation of cardiac muscle cells, and thus the whole heart, are critically dependent on dyads. These structures allow efficient control of calcium release into the cytosol, and also its removal. Dyads are formed gradually during development and break down during disease. However, the precise nature of dyadic structure is unclear, as are the triggers and consequences of altering dyadic integrity during diseases such as heart failure. The project for the hired researcher is aimed at examining these questions, and will employ advanced cellular imaging techniques (super-resolution and electron microscopy), together with experiments focused on cellular and molecular biology. The project has highly qualified national and international collaborators.

More about the position

The researcher position will be 2 years in duration and, depending on starting date, have latest completion of the contract by the end of 2023. Funding will be provided from a grant from the Norwegian Research Council. IEMR employs ≈ 70 people and consists of seven main research groups with backgrounds in various fields of molecular biology, physiology and cardiology.

The project will be conducted in the group of Professor William Louch. The group is part of the KG Jebsen Center for Cardiac Research which promotes extensive collaboration and provides a fruitful research environment. The main purpose of the fellowship is to qualify researchers for work in higher academic positions within their disciplines.

Qualification requirements

- Applicants must hold a degree equivalent to a Norwegian Masters degree in Biology, Biomedical Laboratory Sciences or Medical/Health/Social subjects.
- Fluent oral and written communication skills in English.

Personal skills

The following qualifications will count in the assessment of the applicants:

We are looking for talented and highly motivated candidates of all nationalities who have a keen interest in cellular and cardiovascular research. Value will be placed on compatibility of the applicant's professional and personal disposition, with strengths in:

- Systematic analysis and assessment
- Implementation
- Self-development
- Initiative and accountability
- Constructive cooperation

We offer

- Salary 491.200 - 534.400 NOK/year depending on qualifications and according to position code 1108 for Researcher without PhD.
- A stimulating, challenging and friendly international working environment with broad expertise.
- Technical assistance and training.
- 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

- Cover letter (statement of motivation, summarizing scientific work and research interest)
- CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activity)
- Copies of educational certificates (academic transcripts only)
- A complete list of publications
- List of reference persons: 2-3 references (name, relation to candidate, e-mail and phone number)
- The attachments should be in the form of one or two pdf files that includes all of these requested items.

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).

When evaluating the application, emphasis will be given to the eventuel “project description” and the applicant's academic and personal prerequisites to carry out the project. Applicants may be called in for an interview.

Formal regulations

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 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. We also want to have employees with diverse expertise, combinations of subjects, life experience and perspectives. We will make adjustments for employees who require this.

If there are qualified applicants with special needs, gaps in their CVs or immigrant backgrounds, we will invite at least one applicant in each of these groups to an interview.

Contact information

Adviser: Tone Iren Tverfjell (questions regarding application form), t.i.tverfjell@medisin.uio.no

Professor William Louch, email: w.e.louch@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.

For more information: [IEMR](#)

Additional information

Place of service:

Ullevål 0316 Oslo (Oslo Municipality)