Researcher Position: Ion Channel Biophysics

Researcher position

There is a vacancy for a 2-year researcher position at the Sars International Centre for Marine Molecular Biology (www.sars.no/) in the research group of Dr. Timothy Lynagh. The position is funded by Sars Centre core funding. The Sars Centre belongs to the University of Bergen, and is a partner of the European Molecular Biology Laboratory (EMBL) www.embl.de/. The place of work will be at the Sars Centre. The preferred starting time is October 2020.

About the project/work tasks:

Work in the Lynagh group focuses on the evolution, function, and pharmacology of ligand-gated ion channels, receptors that mediate rapid communication between neurons, using molecular phylogenetics, mutagenesis, chemical biology, and electrophysiology. We are especially interested in invertebrate ion channels whose function is crucial to the evolution of the nervous system, and from which we can gain valuable biological and pharmacological insights. This project will focus on the biophysical characterization of such channels - both native and heterologous - using electrophysiology on whole cells and membrane patches. It is expected that the successful applicant also collaborates with other members of the workgroup, including students and postdocs.

Qualifications and personal qualities:

- The applicant must hold a Ph.D. (at least equivalent to a Norwegian Ph.D.) in ion channel biophysics or a related field (e.g. neuroscience or pharmacology) or must have submitted his/her doctoral thesis for assessment prior to the application deadline. It is a condition of employment that the Ph.D. has been awarded
- Experience with patch clamp electrophysiology on cultured cells is essential
- Evidence for proficiency in investigating ion channel biophysics is essential. This should come in the form of previous publications in respected peer-reviewed journals e.g. using patch clamp and heterologous expression to describe ion channel activation mechanisms or e.g. using patch clamp to describe the function/pharmacology of native ion channels
- Experience in cell culture and molecular biology (e.g. site-directed mutagenesis and cloning) will be viewed favourably
- Evidence for collaborating with others and teaching junior lab members will be viewed favourably
- Some weekend duties may be required depending on project development, e.g for cell or animal culture
- Proficient written and spoken English is essential, and evidence for communicating results effectively (e.g. writing articles, presenting work at conferences) will be viewed favourably
- The application cover letter, in English, must explain your interest in this workgroup and how your skillset matches the position

We can offer:

- A good and professionally challenging working environment
- Salary at pay grade 59 upon appointment (code 1109 / pay range 24, alternative 3), currently NOK 523 200 gross p.a. A higher salary may be offered to candidates with exceptional qualifications. Further promotions are made according to length of service in the position
- Enrolment in the Norwegian Public Service Pension Fund
- Good welfare benefits

Applications in English must include:

- A brief account of the applicant’s research interests and motivation for applying for the position
- The names and contact information for two reference persons. One of these must be your main PhD supervisor
- CV
- Transcripts and diplomas and official confirmation that the doctoral thesis has been submitted
- Relevant certificates/references
- List of publications or other relevant scientific work

Please send your application with attachments electronically via JobbNorge by clicking on the button “Apply for this job”. The application and appendices with certified translations into English or a Scandinavian language must be uploaded at JobbNorge. Please note that applications will be assessed only with the information available in JobbNorge when the deadline expires. It is the applicant’s responsibility to ensure that all relevant attachments are submitted by the deadline.

Applications by e-mail only will not be considered.

Closing date for application: 31st July 2020.

General information:

Further information about the position can be obtained from Group Leader Dr. Timothy Lynagh, tlf +47 41368345, email: tim.lynagh@uib.no.
The state labour force shall reflect on the diversity of Norwegian society to the greatest extent possible. Age and gender balance among employees is therefore a goal. People with immigrant backgrounds and people with disabilities are encouraged to apply for the position.

The University of Bergen applies the principle of public access to information when recruiting staff for academic positions.

For further information about the recruitment process, click here.

**About The University of Bergen**

The University of Bergen is a renowned educational and research institution, organised into seven faculties and approximately 54 institutes and academic centres. Campus is located in the centre of Bergen with university areas at Nygårdsøyden, Haukeland, Marineholmen, Møllendalsveien and Årstad.

Sars International Centre for Marine Molecular Biology (Sars Centre) is situated at the Marineholmen campus together with other research institutes at the University. The Sars Centre is partner with European Molecular Biological Laboratory (EMBL) in Heidelberg, Germany and is organized directly under Rector at UiB. - Read more here.

Jobbnorge-ID: 188810, Søknadsfrist: 31. juli 2020