About The University of Bergen (UiB)

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 Nygårdshøyden, 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.

Postdoctoral Research Fellow Position: Ion Channel Biophysics

Postdoctoral Research Fellow position

There is a vacancy for a 3-year Postdoctoral Research Fellow 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 May - August 2022.

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 or native preparations 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 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

About the position of postdoctoral research fellow:

The position of postdoctoral research fellow is a fixed-term appointment with the primary objective of qualifying the appointee for work in top academic positions. The fixed-term period for this position is 3 years. Individuals may not be hired for more than one fixed-term period as a postdoctoral research fellow at the same institution.

Upon appointment, applicants must submit a project proposal for the qualifying work including a work schedule. It is a requirement that the project is completed in the course of the period of employment.

We can offer:

- A good and professionally challenging working environment
Salary at pay grade 61 upon appointment (code 1352 / pay range 24, alternative 5), currently NOK 553,500 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: 11th March 2022.

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 the diversity of Norwegian society to the greatest extent possible. 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.

Information about applicants may be made public even if the applicant has asked not to be named on the list of persons who have applied. The applicant must be notified if the request to be omitted is not met.

Further information about our employment process can be found here.

UiB - Knowledge that shapes society

Through robust and close interaction with the world around us - globally, nationally and locally - we shall be instrumental in building a society based on knowledge, skills and attitudes.

Do you want to take part in shaping the future?

Video: https://youtu.be/vtJLmcUJ3-w

Jobbnorge-ID: 220344, Søknadsfrist: 11. mars 2022