



**Jobbnorge ID:** 296223  
**Deadline:** 4/6/2026  
**Website:** <http://www.uio.no/>  
**Scope:** Fulltime  
**Duration:** Project

## Researcher in Structural mass spectrometry/proteomics (HDX-MS)

### About the position

A permanent position as researcher is available at the Institute of Basic Medical Sciences, Department of Molecular Medicine, Division of Biochemistry. The position is associated with the Sekulic lab led by Assoc. Prof. Nikolina Sekulic. The position is externally funded for a duration of four years.

### You will work with

The position is open for a researcher to work on the project "Decoding cod centromeres", with main responsibilities in proteomics, protein purification and immunoprecipitation. We seek a highly motivated individual with an excellent track record and strong experience in using hydrogen/deuterium exchange mass spectrometry (HDX-MS) for the characterization of biological complexes. The candidate should be able to independently design, perform, and analyze HDX-MS proteomics experiments. In addition, experience with protein expression in bacteria, yeast, and insect cells, as well as with immunoprecipitation and protein purification techniques, is required. Knowledge of other structural biology techniques (cryo-EM, X-ray crystallography, NMR), additional mass spectrometry approaches or confocal microscopy will be considered an advantage. We offer a stimulating research environment with excellent working conditions and social benefits.

### Qualifications

#### Qualification requirements

- Applicants must hold a degree equivalent to a Norwegian doctoral degree in biochemistry, chemistry, molecular biology or a related area and relevant post-doctoral experience
- Documented experience in use of hydrogen-deuterium mass spectrometry (HDX-MS)
- Hands-on experience with cell cultures, immunoprecipitation, protein expression (bacteria, yeast, insect cells) and purification
- Documented experience with other structural biology techniques (cryoEM, X-ray crystallography, NMR), other proteomic techniques and/or confocal microscopy is seen as an advantage.
- Ability to independently perform experiments, analyze and interpret the results.
- Documented ability to write scientific manuscripts (first/last/corresponding author)
- Excellent written and oral English

### Personal skills

- Excellent interpersonal/communication skills
- Ability to operate as a team player in a multi-disciplinary environment

### We need different perspectives in our work

UiO is an open and internationally oriented comprehensive university that strives to be an inclusive and diverse workplace and academic environment. You can read more about UiO's work on equality, inclusion, and diversity at [uio.no](http://uio.no).

We fulfill our mission most effectively when we draw upon our variety of experiences, backgrounds, and perspectives. We are looking for great colleagues—could you be the next one?

We will do our best to accommodate your needs. Relevant adjustments may include modifications to working hours, task adaptations, digital, technical, or physical adjustments, or other practical measures.

If you have an immigrant background, a disability, or CV gaps, we encourage you to indicate this in the job application portal. We always invite at least one qualified candidate from each group for an interview. In this context, disability is defined as an applicant who identifies as having a disability that requires workplace or employment-related accommodations. For more details about the requirements, please refer to the [Employer portal](#) (Norwegian).

The selections made in the job application portal are used for anonymized statistics that all state employers include in their annual reports.

More information about gender equality initiatives at UiO can be found [here](#).

We hope you will apply for the position with us.

## We can offer you

- Exciting and meaningful tasks in an organization with an important societal mission, contributing to knowledge development, education, and enlightenment that promote sustainable, fair, and knowledge-based societal development.
- A pleasant and stimulating work environment
- Good [welfare schemes](#).
- Opportunity of up to 1.5 hours a week of [exercise during working hours](#).
- A workplace with good development and career opportunities.
- Membership in the [Statens Pensjonskasse](#), which is one of Norway's best pension schemes with beneficial mortgages and good insurance schemes.
- Salary in position as Researcher, position code 1109 in salary range NOK from 640 000 to 780 000, depending on competence and experience. From the salary, 2 percent is deducted in statutory contributions to the State Pension Fund.

Read more about the benefits of working in the public sector at [Employer Portal](#).

## Application

Your application should include:

- Application letter
- CV
- A complete list of publications
- Transcripts and certificates
- Contact information for 2-3 references

Application with attachments must be submitted via our recruitment system Jobbnorge, click "Apply for the position".

When applying for the position, we ask you to retrieve your education results from [Vitnemålsportalen.no](#). If your education results are not available through Vitnemålsportalen, we ask you to upload copies of your transcripts or grades. Please note that all documentation must be in English or a Scandinavian language.

## General information

The best qualified candidates will invited for interviews.

Applicant lists can be published in accordance with [Norwegian Freedom of Information Act](#) § 25. When you apply for a position with us, your name will appear on the public applicant list. It is possible to request to be excluded from this list. You must justify why you want an exemption from publication and we will then decide whether we can grant your request. If we cannot, you will hear from us.

Please refer to [Rules for the use of research posts SKO 1108, 1109, 1110 and 1183 at UiO](#).

The University of Oslo has a [transfer agreement](#) with all employees that is intended to secure the rights to all research results etc.

## University of Oslo

**The University of Oslo** is Norway's oldest and highest ranked educational and research institution, with 26 500 students and 7 200 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

### Contact person:

Nikolina Sekulic, Associate Professor

Phone: | E-mail: [Nikolina.sekulic@medisin.uio.no](mailto:Nikolina.sekulic@medisin.uio.no)

### Place of service:

Sognsvannsveien 9 0372 Oslo (Oslo Municipality)