

**Jobbnorge ID:** 240656  
**Deadline:** 4/9/2023  
**Website:** <http://www.uis.no/>  
**Scope:** Fulltime  
**Duration:** Engagement

## Researcher in Protein Biochemistry

### Job description

The University of Stavanger invites applicants for a temporary position as Researcher in Protein Biochemistry at the Faculty of Science and Technology, Department of Chemistry, Bioscience and Environmental Technology. The researcher is employed for a period of 20 months.

The position is vacant for appointment as soon as possible.

The position is funded by the Research Council of Norway.

The project will be carried out at the University of Stavanger with a stay of up to nine months at the University of Aberdeen.

The [general job description](#) for researcher at UiS gives a more detailed account of relevant duties.

### About the research project

The researcher will be affiliated with the research project "Mitochondrial glycolysis as a target for disease control of pathogenic stramenopiles".

The world population is expected to grow to 10 billion people in the next 30 years. This expansion means feeding 3 billion more people than we are doing now. This will put an enormous strain on our food production systems. Although food production from agriculture and fisheries has grown enormously over the last 50 years or so, it will not be enough to support our growing world population. A big problem facing agriculture and fisheries is the losses caused by infectious diseases. Although variable year-to-year, these lost harvests could have fed between 0.5-4 billion people each year. For example, the biggest disease for the potato industry, late blight disease, causes several hundred million tons of lost crops each year, which could have fed up to one billion people. It is therefore extremely important to control or to eradicate these diseases. Not only to keep feeding the growing world population, but also to produce the food we eat more effectively and sustainably.

We have found a biochemical peculiarity in a group of animal and plant pathogens that we hope to exploit so we can ultimately prevent these diseases from destroying our crops and animals. Most organisms on the planet convert the food they eat into useable energy. The food we eat is converted via several biochemical steps into smaller building blocks of life. These conversions are neatly organised in different compartments of the cells in our bodies. We discovered that the pathogens that cause potato disease, but also diseases in salmon and even humans, have rearranged these conversion pathways in a peculiar manner. We want to better understand these peculiar rearrangements, as we believe it is a drug target to control, or possibly eradicate, these diseases.

We have teamed up with experts in Norway and abroad, including industry, to help in the fight against diseases that prevent us from feeding the world. Collaborators are Professor Pieter van West at the University of Aberdeen (UK) and Professor Siver Moestue at the Norwegian University of Life Sciences (NMBU), Trondheim.

This position is part of a larger project and a postdoctoral fellow and a PhD student are already employed.

### Qualification requirements

We are looking for applicants with a strong academic background who have completed a five-year master degree (3+2) within biochemistry or another relevant discipline.

You must also have excellent command of both oral and written English.

It will be an advantage to have:

- experience and proven skills, eg. publications, in protein biochemistry
- experience with drug resistance/antimicrobials

Emphasis is also placed on your:

- motivation and potential for independent research within the field.
- ability to work independently and in a team, be innovative and creative.
- ability to work in a structured manner
- experience and willingness to supervise bachelor and/or master students

### We offer

- varied duties in a large, exciting and socially important organisation
- an ambitious work community which is developing rapidly. We strive to include employees at all levels in strategic decisions and promote an informal atmosphere with a flat organisational structure
- salary in accordance with the State Salary Scale, I.pl 90.400 code 1108, NOK 530 000 - 590 000 gross per year. A higher salary may be considered in special cases. From the salary, 2% is deducted as a contribution to the Norwegian Public Service Pension Fund. automatic membership in the [Norwegian Public Service Pension Fund](#), which provides favourable insurance- and retirement benefits favourable membership terms at a gym and at the university sports club, [SiS sports club](#) at campus
- employment with an Inclusive Workplace organisation which is committed to reducing sick leave, increasing the proportion of employees with reduced working capacity, and increasing the number of professionally active seniors
- [Hjem-jobb-hjem](#), discounted public transport to and from work
- as an employee in Norway, you will have access to an optimal health service, as well as good pensions, generous maternity/paternity leave, and a competitive salary. Nursery places are guaranteed and reasonably priced.
- [relocation programme](#)

## Diversity

Being independent, involving and innovative are the university's values. We consider diversity to be a resource in our working and learning environment, and we are keen to show respect for one another's differences and backgrounds. Universal design must characterise the physical and digital learning environment, and the workplace will, if necessary, be facilitated for employees with disabilities.

If you find the position to be interesting, we encourage you to apply, regardless of gender, disability, cultural background or any periods of unemployment.

The university aims to recruit more women into positions in the subject area; thus, if several applicants are considered to have equal qualifications, a female applicant will be given priority over a male.

## Contact information

More information on the position can be obtained from Professor Mark van der Giezen, tel: +47 51 83 44 93, e-mail: [mark.vandergiezen@uis.no](mailto:mark.vandergiezen@uis.no).

Information about the appointment procedure can be obtained from HR Advisor Rosa Andrade, tel: +47 51 83 11 91, e-mail: [rekruttering@uis.no](mailto:rekruttering@uis.no).

## Application

To apply for this position please follow the link "Apply for this job". Your application letter, relevant education and work experience as well as language skills must be registered here.

The following documents must be uploaded as attachments to your application:

- cover letter explaining your motivation for this project.
- CV with a full summary of your education and experience.
- documentation of approved PhD. If you have not completed the PhD, you may enclose a confirmation from the institution on the expected date of obtaining the doctoral degree, but you should have obtained a PhD before appointment.
- complete list of academic publications.
- transcripts and certificates, and other documentation that you consider relevant.

Applications are evaluated based on the information available in Jobbnorge on the application deadline. You should ensure that your application shows clearly how your skills and experience meet the criteria which are set out above.

The documentation must be available in either a Scandinavian language or in English. If the total size of the attachments exceeds 30 MB, they must be compressed before upload.

Please note that information on applicants may be published even if the applicant has requested not to be included in the official list of applicants

- see [Section 25 of the Freedom of Information Act](#). If your request is not granted, you will be notified. UiS only considers applications and attachments registered in Jobbnorge.

## General information

The engagement is to be made in accordance with the regulations in force concerning State Employees and Civil Servants, and the acts relating to Control of the Export of Strategic Goods, Services and Technology. Candidates who by assessment of the application and attachment are seen to conflict with the criteria in the latter law will be prohibited from recruitment to UiS.

If your application is considered to be in conflict with the criteria in the latter legislation, it will be rejected without further assessment.

If you have a Ph.D. degree within the subject area, you can apply for promotion to researcher (code 1109) according to the [Regulations for promotion to researcher 1109 in the public sector](#).

Your qualifications for the position, based on documentation registered in Jobbnorge, will be assessed by an internal expert committee. Based on the committee's statement, relevant applicants will be invited to an interview before any recommendations are made. References will also be obtained for relevant candidates. [More about the hiring process on our website](#).

UiS has an Acquisition of Rights Agreement for the purpose of securing rights to intellectual property created by its employees, including research results.

It is a prerequisite that you have a residence which enables you to be present at/available to the academic community during ordinary working hours.

The position has been announced in both Norwegian and English. English text takes precedence.

## **UiS - challenge the well-known and explore the unknown**

The University of Stavanger (UiS) has about 12 000 students and 2 200 employees. The university has high ambitions. We strive to have an innovative and international profile, and be a driving force in knowledge development and in the process of societal change. Our common direction is driven by consideration for green and sustainable change and equitable social development, through new ways of managing natural resources and facilitating better cities and local communities. Energy, health and welfare, learning for life are our focus areas.

In constant collaboration and dialogue with our surroundings, regionally, nationally and internationally, we enjoy an open and creative climate for education, research, innovation, dissemination and museum activities. Academic life at the University of Stavanger is organised into six faculties comprising various departments/schools and National Research Centres, as well as the Museum of Archaeology. We are a member of the European Consortium of Innovative Universities. The university is located in the most attractive region in the country with more than 300,000 inhabitants. The Stavanger region has a dynamic labour market and exciting cultural and leisure activities.

Together with our staff and students we will challenge the well-known and explore the unknown.

**The Faculty of Science and Technology** offers study programs at bachelor, master and doctoral level. The faculty has established close cooperation on research with NORCE (Norwegian Research Centre AS) and the regional industry. A number of master's and doctoral theses are made in collaboration with the industry. The faculty has established research collaborations with universities in the US and Europe, and has developed several academic environments that are at the forefront internationally. The faculty has about 2,800 students and approximately 500 employees at the Department of Electrical Engineering and Computer Science, Department of Structural Engineering and Materials Science, Department of Mathematics and Physics, Department of Energy and Petroleum Engineering, Department of Energy Resources and the Department of Safety, Economics and Planning.

**The Department of Chemistry, Bioscience and Environmental Technology** offers study programs at all levels within the areas Biological Chemistry, Chemistry and Environment. The department is responsible for basic tuition in chemistry at the faculty. There are currently about 60 employees including doctoral and postdoctoral fellows, and 230 students at the department.

### **Additional information**

#### **Place of service:**

Ullandhaug