



UNIVERSITETET  
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**Jobbnorge ID:** 149517

**Deadline:** 4/15/2018

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

**Scope:** Fulltime

**Duration:** Temporary

## PhD Research Fellowship in organic chemistry

### Job description

Position as PhD Research Fellowship in organic chemistry available at The Department of Chemistry, University of Oslo (UiO).

If the successful candidate has a good knowledge of one Scandinavian language (Norwegian, Swedish, Danish), the fellowship can be for a period of 4 years, with 25 % compulsory work (teaching and supervision duties and research assistance at the Department). Otherwise, the fellowship will be for a period of 3 years, with no compulsory work.

Starting date no later than 01.10.2018.

We are seeking a highly motivated candidate to fill a PhD position in the project «Synthesis of novel drugs against drug-resistant bacteria». The position will be located in the SYNFA group (<http://www.mn.uio.no/farmasi/forskning/grupper/synfas/>) with associate professor Tore Bonge-Hansen and professor Pål Rongved as PhD advisers. The SYNFA group is a multidisciplinary research group consisting of chemists from the Department of Chemistry and the Department of Pharmacy.

The successful candidate will be engaged in planning, designing and synthesizing drug development candidates towards drug resistant-bacteria. A major part of the workload will consist of synthetic organic chemistry directed towards preparation of the target molecules. The novel drug-development candidates will be tested against a broad spectrum of bacterial-strains at laboratories in Tromsø and Oslo.

### Qualification requirements

The Faculty of Mathematics and Natural Sciences has a strategic ambition of being a leading research faculty. Candidates for these fellowships will be selected in accordance with this, and expected to be in the upper segment of their class with respect to academic credentials.

Required qualification:

A Master's degree or an equivalent qualification in organic chemistry/medicinal chemistry. The Master's degree must include a thesis on synthetic organic chemistry.

- The average grade point for courses included in the Master's degree must be B or better in the Norwegian educational system
- The Master's thesis must have the grade B or better in the Norwegian educational system
- The average grade point for courses included in the Bachelor's degree must be C or better in the Norwegian educational system

Desired qualification:

- The successful candidate should have considerable experience in experimental synthetic organic chemistry and should be able to plan and execute advanced experiments.
- The successful candidate should have considerable experience in applied spectroscopy, especially NMR and MS.

All Ph.D. candidates must demonstrate high English language skills. International applicants must document these skills prior to admission to the PhD programme by passing one of the following tests with these or better grades:

- TOEFL - Test of English as Foreign Language, internet based test (IBT). Minimum total score: 80
- IELTS - International English Language Testing Service. Minimum overall band score: 6.5
- Certificate in Advanced English (CAE) and Certificate of Proficiency in English (CPE) from the University of Cambridge
- PTE Academic - Pearson Test of English Academic. Minimum overall score: 62

Please see here for exemptions to the English requirements: <http://www.mn.uio.no/english/research/phd/application/application.html>

Candidates without a Master's degree have until 30 June, 2018 to complete the final exam.

The purpose of the fellowship is research training leading to the successful completion of a PhD degree.

The fellowship requires admission to the PhD programme at the Faculty of Mathematics and Natural Sciences. The application to the PhD programme must be submitted to the department no later than two months after taking up the position. For more information see: <http://www.mn.uio.no/english/research/phd/>

### We offer

- Salary NOK 436 900 - 490 900 per annum depending on qualifications and seniority as PhD Research Fellow, (position code 1017)

- 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 and research interests
- CV (summarizing education, positions and academic work - scientific publications)
- Copies of educational certificates, transcript of records and letters of recommendation
- Documentation of English proficiency
- List of publications and academic work that the applicant wishes to be considered by the evaluation committee
- Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number)

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).

Applicants may be called in for an interview.

## Formal regulations

Please see the [guidelines and regulations](#) for appointments to Research Fellowships at the University of Oslo.

No one can be appointed for more than one PhD Research Fellowship period at the University of Oslo.

According to the Norwegian Freedom and 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.

The University of Oslo aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds.

## Contact information

Associate professor Tore Bonge-Hansen, phone: +47 228 55386, e-mail: [tore.bonge-hansen@kjemi.uio.no](mailto:tore.bonge-hansen@kjemi.uio.no) or Professor Pål Rongved, phone: +47 228 55024, e-mail: [pal.rongved@farmasi.uio.no](mailto:pal.rongved@farmasi.uio.no).

For technical questions regarding the recruitment system please contact: HR-officer, Nina Holtan, phone: +47 228 54424, e-mail: [nina.holtan@mn.uio.no](mailto:nina.holtan@mn.uio.no)

## About the University of Oslo

**The University of Oslo** is Norway's oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

**The Department of Chemistry** is Norway's largest institution within research and education in chemistry. Our research excels internationally and we educate students to a wide variety of jobs in industry, academia, research institutions, schools and public administration.

Our research ranges from the core topics of chemistry to applied science within in environmental, health, energy and materials. The Department has extensive contacts with industry, research and educational institutions at home and abroad.

As partner in the Centre for Materials Science and Nanotechnology our researchers contributes to a significant interdisciplinary efforts in cooperation with the Department of Physics. The Department of Chemistry has its own school laboratory as a great resource for teachers, public outreach and the didactics of chemistry.

## Additional information

### Place of service:

Problemveien 7 0313 Oslo (Oslo Municipality)