

# Three years computational biology/bioinformatics PhD student Position - Avdeling for patologi, seksjon for forskning

Oslo universitetssykehus HF



Oslo University Hospital is a highly specialized hospital in charge of extensive regional and local hospital assignments. As Scandinavia's largest hospital, we carry out more than 1.2 million patient treatments each year. The hospital has a nationwide responsibility for a number of national and multi-regional assignments, and has several national centers of competence. Oslo University Hospital is responsible for approximately 50 percent of all medical and health care research conducted at Norwegian hospitals, and is a significant role player within the education of a large variety of health care personnel.

A PhD position within the field of bioinformatics or computational biology is available at Oslo University Hospital (OUS) – Norwegian Radium Hospital. The candidate will work at the Department of Pathology at the Norwegian Radium Hospital. The appointment is a full-time position for three years, and is free of any teaching obligations.

The work tasks will be to design next generation predictive models for detecting functional gene regulation. The new computational method will eventually be applied on high-throughput sequencing data such as genome-wide sequencing data from cancer patients. The project involves both national and international research collaboration. Therefore, the student will spend time in the US with our international collaborator. The candidate will be co-supervised by Prof. Magnar Bjørås from University of Oslo, Dr. Junbai Wang from OUS, and our international collaborator from the US. The scientific work by PhD student is expected leading to a PhD thesis at the University of Oslo.

We seek for a highly motivated person with good knowledge in molecular biology, human genetics, data mining and computational programming. Ideally, the candidate should hold a Master's degree in bioinformatics or computational biology. However, MSc in physics, computer science or applied mathematics may also be considered if the candidate can show his/her potential in learning molecular biology and human genetics.

Please attach a single PDF, which should contain an application letter stating why you are interested in the position and describing your major achievement in the MSc/BSc works and your key competences, together with a full CV, list of publications if possible, recommendation letters, copies of educational certificates and transcript of records, and detailed contact address (i.e. email and phone number) of three references.

All PhD candidates must show high English language skills. International applicants must document the skills by providing one of the following tests: TOEFL - Test of English as Foreign Language (minimum score 80), IELTS - International English Language Testing Service (minimum score 6.5), PET Academic - Person Test of English Academic (minimum score 62), and CAE - Certificate in Advanced English and CPE - Certificate of Proficiency in English from the University of Cambridge.

Applications must be submitted via Webcruiter. Oslo University Hospital distribute offers of employment via email.

## Education level

- College / University, Master's degree

## Language

- English
- Norwegian

## We offer

- Organized member of one of the best pension plans in Norway

## Deadline for application:

01/06/2018

## Key info:

Advertiser:  
Oslo universitetssykehus HF

Ref. nr.: 3773149972  
Full or part time (%): 100%  
Contract,  
Start date: 10/06/2018  
End date: 09/05/2021  
Number of positions: 1

## Contact info:

Junbai Wang  
Forsker  
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## Search criteria:

**Location**  
OUS Radiumhospitalet,  
Oslo

**Industry**  
Health / Social sector

**Special field**  
Research

**Role**  
Co-worker

## Job location:

Radiumhospitalet, 0424  
Oslo



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