UiT The Arctic University of Norway
Department of Pharmacy

Jobbnorge-ID: 117170
Søknadsfrist: Closed
Nettside:
Omfang:
Varighet:

Postdoctoral Fellow position in Infection Biology at the Department of Pharmacy

Application deadline: 29. October 2015
Ref: 2015/3839

UiT - The Arctic university of Norway, the Faculty of Health Sciences, has a Postdoctoral Research Fellow position vacant. The position is affiliated with the Infection Biology group at the Department of Pharmacy.

The position of Postdoctoral Research Fellow is a fixed term position for a period of three years with the objective to qualify for work in a senior academic position.

Further information about the position and project is available by contacting the Infection Biology group leader and NCMM Young Associate Investigator Dr. Sören Abel, Phone +47 77 64 66 32, email: soren.abel@uit.no and on our webpage.

The application documents (see below) must be submitted electronically via the application form available on this page (www.jobbnorge.no).

The position`s affiliation
The Department of Pharmacy consists of six research groups: Pharmacology, Natural Products and Medicinal Chemistry, Drug Transport and Delivery, Microbiology, Clinical pharmacy and Pharmacoepidemiology and Infection biology. The Department has 32 permanent positions. In addition there is a variable number of PhD student-, Post.Doc.- and part time positions. The Department is responsible for a bachelor- and a master program in pharmacy. Teaching is given at both undergraduate and graduate level. The Departments web pages maybe found here: www.farmasi.uit.no.

About the group
The Infection Biology group studies the molecular mechanisms that allow pathogens to adapt to the different environmental conditions that they encounter during infection and transmission. Our primary focus is *Vibrio cholerae*, the causative agent of the severe diarrheal disease cholera.

We are particularly interested in the signaling mechanisms underlying the adaptive response, like the c-di-GMP second messenger network, and their impact on population dynamics, bacterial virulence and persistence under changing conditions. To this end, we employ next generation-sequencing based methods to infer the spread of pathogens within and between hosts and combine it with bacterial genetics and live cell microscopy. The group is embedded in a dynamic and multi-disciplinary environment and is affiliated with the Centre for Molecular Medicine Norway (NCMM) in Oslo, the University Hospital of North Norway (UNN) and the Harvard Medical School (HMS) in Boston. For examples of recent work from the group see: *Abel et al. (2011) Molecular Cell; Abel et al (2013) PLOS Genetics; Abel et al (2015) PLOS Pathogens, Abel et al (2015) Nature Methods, Lori et al (2015) Nature* and visit our webpage.

About the project
The successful candidate will work collaboratively with other faculty, scientists, and students in a dynamic and multi-disciplinary environment to enhance our research activities in infection biology. The projects will focus on understanding *V. cholerae* adaptation to changing environments in the infection cycle. Within this framework, the work will be tailored to the candidate's respective qualifications and interests, with the expectation that the candidate is willing and able to learn new techniques and work interdisciplinarily. The projects will combine molecular microbiology, infection biology, live cell microscopy and next generation sequencing. The infection biology group has documented expertise in all of these areas. The project therefore offers a unique opportunity to get experience in a wide range of interesting research topics.

We strongly encourage career development not limited to authorship of research manuscripts arising from this work, but including travel, conferences and collaboration. Additionally, we offer the unique opportunity to spend substantial time at Harvard Medical School (HMS) in Boston for training and performing experiments.

Qualification requirements
The candidate must hold a Norwegian doctoral degree in a relevant area or a corresponding foreign doctoral degree recognised as equivalent to a Norwegian doctoral degree. Research experience with molecular microbiology and host-pathogen interaction is an advantage and we expect a documented track record of academic accomplishments including publications in peer reviewed journals or conference contributions.

A strong interest in infection biology, host-pathogen interaction, molecular signaling mechanisms and/or population dynamics is desirable. Previous experience with fluorescence microscopy, next-generation sequencing technology, bacterial genetics and/or animal models is an advantage.

The candidate must be able to work systematically, independently and have the ability to work in an interdisciplinary research team. Emphasis will also be placed on communicative and collaborative skills, as well as personal suitability and the motivation and interest in the project. Experience with applications for external research funding will also be an advantage.

The candidate must speak and write English fluently.

The Postdoctoral fellow will be involved in supervision of PhD students on similar projects and, in addition, is expected to develop a project proposal with a progress plan. It is required that the applicant will be able to complete the project during the period of appointment.

Working conditions
The working hours will be utilised for research, research-related activities and research administration.

The successful applicant must be willing to engage themselves in the ongoing development of their discipline and the university as a whole.

The remuneration for this position is in accordance with the State salary scale code 1352.

A compulsory contribution of 2 % to the Norwegian Public Service Pension Fund will be deducted.

Assessment
The applicants will be assessed by an expert committee. The committee's mandate is to undertake an assessment of the applicants' qualifications based on the written material presented by the applicants, and the detailed description drawn up for the position.

The applicants who are assessed as best qualified will be called to an interview which includes a presentation of their current research. The interview serves, among other things, to clarify the applicant's personal suitability for the position.

Application
Application and submitted documents (see below), should be sent electronically via the application form available on www.jobbnorge.no.

Applications documents:

- *1-2 page cover letter explaining your motivation and research interests*
- *CV containing an overview of education, supervised professional training and professional work*
- *A complete list of publications*
- *Copies of diploma and transcript from completed degree(s) (translated to English or a Scandinavian language; certified copies must only be provided upon request)*
- *2-3 reference letters*
- *Documentation of English language proficiency (equivalent to Norwegian Higher Education Entrance Qualification or TOEFL test)*

Applicants shall also refer to the supplementary regulations for appointment to postdoktor (postdoctoal Research Fellow), stipendiat (PhD) and vitenskapelige assistent (Research Assistant) positions at the UiTand to the Regulations concerning terms and conditions of employment for posts of postdoktor (Postdoctoral Research Fellow), stipendiat (PhD), vitenskapelig assistent (Research Assistant) and spesialistkandidat (Resident).

Questions concerning the organisation of the working environment, such as the physical state of the place of employment, health service, possibility for flexible working hours, part time, etc. may be directed to the telephone reference in this announcement.

UiT has HR policy objectives that emphasize diversity, and therefore encourages qualified applicants to apply regardless of their age, gender, functional ability and national or ethnic background.

UiT is an IW (Inclusive Workplace) enterprise, and will therefore emphasize making the necessary adaptations to the working conditions for employees with reduced functional ability.

Personal data given in an application or CV will be processed in accordance with the Act relating to the processing of personal data (the Personal Data Act). In accordance with Section 25 subsection 2 of the Freedom of Information Act, the applicant may request not to be registered on the public list of applicants. However, the University may nevertheless decide that the name of the applicant will be made public. The applicant will receive advance notification in the event of such publication.

Tilleggsinformasjon

Arbeidssted: