

A 1-year academic maternity cover at the Virus Research and Development (ViFU) Laboratory, Statens Serum Institut

As of September 1, 2016, we are looking for a qualified academic employee performing research within influenza and HIV molecular and immunology studies for a 1-year maternity cover at the Virus Research and Development (ViFU) Laboratory in the Department of Microbiology Diagnostic and Virology (MDV), Sector for Diagnostic and Infectious Control, Statens Serum Institut (SSI).

The ViFU laboratory and the MDV department

ViFU is performing R&D in molecular virology and immunity and vaccinology using HIV and influenza as models. ViFU is part of the Vaccine Research Center (VRC) at SSI. ViFU also develops molecular biology based diagnostic methods (e.g. micro array and Next Generation Sequencing, NGS). The ViFU laboratory contain a Biosafety-3 (BSL-3) facility and at the moment the staff consist of 5 researchers, 3 technicians and 3 PhD- or graduate students. ViFU is member of the EU consortia's UNISEC for development of universal influenza vaccines, EbolaMoDrad, for development of ebola diagnostics and ENIVD for diagnostic of exotic and emerging viral diseases e.g. ebola, zika, Mers etc. The staff in MDV consists of about 100 employees covering ViFU and 4 other laboratory units including routine serology and molecular diagnostic, surveillance and reference functions. MDV is the Danish central laboratory for diagnostic/surveillance, guidance and research in virus infections, and is a WHO Collaborating Centre for Virus Reference and Research and the regional WHO Center for influenza.

The job

Your tasks will primarily be to:

- participate in ViFU's DNA vaccine R&D of a universal influenza A vaccine for pigs and humans (PCR, plasmid cloning, sequencing, gene analysis, animal experiments)
- participate in ViFU's research projects on HIV molecular biology, immunology and development of therapeutic "cure" HIV vaccines
- participate in writing of funds applications
- perform/participate in assays for influenza immunity (neutralization, HA- and NA inhibition tests, incl. virus culture in BSL3 laboratory, purifications of cells, antibody assays on sera from experimental animals and patients)
- supervise and instruct technicians and students
- participate in meetings, symposia and conferences of relevance for the projects.

Qualifications

You hold a master degree within biochemistry, molecular biology, biology or veterinary diseases or similar master degree with laboratory experience.

Furthermore you:

- hold a Ph.D. degree or similar research education within HIV/influenza molecular and humoral immunological research.
- can document scientific experience and publications within HIV or influenza molecular virology and immunology with international collaborators including standard techniques for Neutralizing antibodies.
- may have experience in BSL3 laboratory work (culturing virus).
- must be able to document scientific and practical expertise in DNA vaccines including plasmid design, delivery, animal models e.g. mice, rabbits, monkeys and/or swine.
- have excellent collaboration skills with both Scandinavian and EU partners.
- master English and understand the Swedish language.
- may have interest in research study visits with collaborators in EU countries or USA.

Work and Salary Conditions

In agreement with the at all times applicable agreement between The Danish Ministry of Finance and the Danish Confederation of Professional Associations (Akademikernes Centralorganisation).

More information?

Contact Professor DMSc Chief of Lab. Anders Fomsgaard, tel: +45 3268 3460 / +45 4063 4638.

Application

Send your application with CV and diplomas electronically via www.ssi.dk before Sunday July 3, 2016.

Send til rekrut@ssi.dk