



Post-doctoral researcher in Bioinformatics with focus on infection biology/Virology

Uppsala

A post-doc position is available at the Section of Virology, Department of Biomedical Sciences and Veterinary Public Health, Faculty of Veterinary Medicine and Animal Sciences, Swedish University of Agricultural Sciences, Uppsala, Sweden. The main focus of the research at the Section of Virology is to study various aspects on viral infection of domestic and wild animals, including the vectors that transmit viruses. Our main interest is to study the microbiome in relation to health and disease. To do this we use large-scale sequence analysis and bioinformatics, but also more classical methods of virus cultivation, molecular methods and in vitro studies in cell cultures. Currently the section consists of one professor, four senior researchers, one adjunct lecturer, four PhD students and various guest researchers.

Duties: To be responsible for analysis of data from large-scale sequencing runs, in close contact with the other researchers at the section. This includes analysis of for example transcriptomic and metagenomic datasets. The selected candidate will also be responsible for her/his own research project/s. This includes all aspects from planning, experimental design, performing experiments and analysis of data to publishing the findings. The topic of this research will be discussed and depend on the background/qualifications of the applicant. To write applications for further financing is also part of duties within this position.

Qualifications: A PhD in biosciences, preferably in bioinformatics in relation to infection biology. Must be highly experienced and skillful in analysis of large sequence data sets and prior experience in working with annotations, metagenomic, transcriptomic and/or small RNA datasets are valuable. Also knowledge in statistics is highly beneficial. The applicant should have a good ability to work in a team, ability to work independently and personal qualities are also of high importance.

Competence: As postdoctoral appointments are career-developing positions for junior researchers, we are primarily looking for candidates with a doctoral degree that is three years old at most.

Place of work: Uppsala

Form of employment: Temporary employment 6 months or longer.

The position is initially for one year but can be prolonged. A postdoctoral position, such as this, is limited to two years.

Extent: 100%

Starting date: By agreement

Application: We welcome your application marked with **Ref no. SLU ua 4594/2016**.

We welcome your application marked with Ref no. SLU ua 4594/2016. Please submit your application to the Registrar of SLU, P.O. Box 7070, SE-750 07 Uppsala, Sweden or registrator@slu.se no later than January 27nd 2017.

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The Swedish University of Agricultural Sciences (SLU) develops the understanding and sustainable use and management of biological natural resources. The university ranks well internationally within its subject areas. SLU is a research-intensive university that also offers unique degree programmes in for example rural development and natural resource management, environmental economics, animal science and landscape architecture.

SLU has just over 3,000 employees, 5,000 students and a turnover of SEK 3 billion. The university has invested heavily in a modern, attractive environment on its campuses in Alnarp, Umeå and Uppsala.

www.slu.se

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Specific documents attached: The application should be written in English and contain: 1) An up-to-date CV, including a list of publications, 2) proof of PhD degree and 3) a thorough description of the bioinformatic background, a description of past research, current research interests and areas of research the applicant wants to develop further in the above described area (max. 3 A4 pages). The names and contact information for at least two references must be provided.

SLU is an equal opportunity employer.