Postdoc or Research Engineer in Bioinformatics

PlantLink are looking for a bioinformatician who will handle research projects linked to scientific groups associated to PlantLink, a plant research network between SLU and Lund University (www.plantlink.se). PlantLink wants to bridge the gap between basic and applied plant research with the objective to improve crops and food products, and to enable production of materials, medication and energy from plants in a sustainable way. Lund and Alnarp are situated less than 10 kilometers apart in the dynamic Öresund region, which includes Sweden's third largest city, Malmö, and the capital of Denmark, Copenhagen.

Duties: The successful candidate will be placed at Lund University and SLU Alnarp and interact with plant researchers and other bioinformaticians at both universities. The person will work in close collaboration with experimentalists. Plants produce many thousands of chemical compounds and an important task will be to try to link sequence information and gene, protein and metabolite regulation to plant production and signaling as a response to the environment. The position is part of BILS (Bioinformatics Infrastructure for Life Sciences), a national network of over 30 bioinformaticians, which provides bioinformatics support to life science researchers in Sweden.

Qualifications: We are looking for a person who has experience of computational biology and preferably a background in molecular biology or genetics. The candidate should be familiar with some of the following subject areas: functional annotation, data integration, next-generation sequencing (NGS), proteomics and metabolomics. Knowledge of handling large-scale data, scripting languages (e.g. Perl, Python, R) and statistical methods is required. Documented experience of database handling and Unix system administration is favorable. For the candidate to be considered for a postdoc position, a PhD degree related to the abovementioned research areas is a pre-requisite. For the employment as a research engineer, a master degree or equivalent in related subjects together with relevant previous experience from working in a bioinformtics group is desirable.

Form of employment:
1 year with possibility of extension

Extent: 100%

Starting date: By agreement

Application: We welcome your application marked with **Ref no. SLU ua 4784/2013**.

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 **November 19, 2013**.

SLU is an equal opportunity employer.

University salaries are set on an individual basis.

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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Further information:

Erik Alexandersson
+46 40 415338
erik.alexandersson@slu.se

Leif Bülow
leif.bulow@tbiokem.lth.se

Academic union representatives:
Andrus Kangro, SACO
+46 (0)40 415 479

Linda Thörnström , SEKO
+46 (0)18 67 10 57

Jörgen Olsson, ST
+46 (0)40 415 431