

Post doctor in mycology

Stress biology using *Neurospora* as a model organism

Research at the Department of Forest Mycology and Plant Pathology center on fundamental and applied aspects of fungal, microbial and plant biology. Important research topics include fungal interaction with other microorganisms and plants as well as ecological functioning and evolution. Central themes are plant pathology and nutrient cycling in agricultural and forest ecosystems. The department is placed at Bio Center at SLU, Uppsala with approx. 300 employees in plant science, microbiology, plant pathology, chemistry, molecular biology, food science and computing biology. At the campus, active collaborations are established with the ecology and soil science departments.

Duties:

The work will include studies of evolutionarily conserved mechanisms for stress responses in filamentous fungi, in particular those that involve the mediator complex and chromatin structure. In particular bioinformatic work, experiments with mutant strains, gene expression, and analyses of regulation of gene activity will be included.

Qualifications:

The successful applicant should have experience of molecular or bioinformatic work with fungi or other microorganisms. Documented work with *Neurospora* is a merit.

Competence: PhD in Biology or corresponding.

To be appointed as a Post doc, the applicant should have been awarded her/his PhD no more than three years ago at the application deadline. Applicant awarded a PhD more than three years ago can be appointed as a researcher.

Place of work: Uppsala

Form of employment: The post doc position lasts for 2 years.

Extent: 100 %

Starting date: By agreement

Application: We welcome your application marked with **Ref no. SLU ua 5138/2015**.

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 **February 12, 2016**.

Specific documents attached: Please attach a CV, Publication list, PhD diploma, pdf copies of no more than five publications. A short description (1 pages) of previous research and activities important to this position. Telephone numbers and e-mail addresses of at least two reference persons.

SLU is an equal opportunity employer.

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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