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 registrar@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.

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