Postdoc position in Plant Biology

At the Swedish University of Agricultural Sciences in Uppsala

With focus on: Reproductive development and early cone-setting

**Duties:** Cone setting is an important trait for tree breeding since it is closely connected to seed production and generation of planting material. By controlling this important trait we may shorten the breeding cycle of Norway spruce and facilitate functional studies of individual genes. Using an early cone-setting spruce mutant changes in global gene expression during cone initiation will be studied. In collaboration with personnel working at the spruce database CONGENIE in Umeå transcript profiling of wild type male and female cone development will also be performed. Functional analysis of candidate genes active during cone initiation and cone development will be studied using plant transformation techniques. To meet this end and to increase technology transfer we expect the recruited postdoc to work closely with staff members present at the plant transformation platforms in both Umeå and Uppsala.

**Qualifications:** We seek a highly motivated candidate with a PhD degree in plant biology, molecular biology, plant genetics or related fields. Candidates with experience in studying plant development and working with large scale sequencing e.g. RNAseq, or bioinformatics are encouraged to apply. Proven skills in both oral and written scientific English are required. To be appointed as a postdoc, the applicant should have been awarded her/his PhD no more than three years ago at the time of application. An applicant awarded a PhD degree more than three years ago can be appointed as a researcher.


Place of work: Swedish University of Agricultural Sciences, Department of Plant Biology, 75007 Uppsala, Sweden.


Form of employment: Temporary employment 2 years

Extent: 100%

Starting date: July 1 2015 or as soon as possible after this date

Application: We welcome your application marked with **Ref no. SLU ua 947/2015.**

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 15 April 2015.

Specific documents attached: CV including list of publications, description of previous research and current research interest, contact details to at least two reference persons. SLU is an equal opportunity employer.