Postdoctoral Researcher in Cell and Developmental Biology


The Department of Ecology, Environment and Plant Sciences of Stockholm University conducts research and education at an international level focusing on subject areas such as marine and plant ecology, ecotoxicology, plant physiology and plant systematics. 150 people are working at the department, of which ca. 60 are teachers and researchers and 50 are PhD students.

Project description
The position will be associated with ongoing projects of the research team “cell differentiation and coordination in tissues”, led by Edouard Pesquet, which aims to understand the molecular and cellular regulation of vascular development in plants (Ménard and Pesquet, 2015, Curr Opin Plant Biol).

Main responsibilities
In this project, the successful applicant will build on our previously published works (Pesquet et al., 2013, Plant Cell; Derbyshire et al., 2015, Plant Cell). The position involves research using genetics, cell and molecular biology as well as biochemistry to unravel the molecular and cellular processes enabling the development of vascular plants. Investigations will be conducted by the post-doctoral researcher to better understand the importance of protein complex formation during plant vascular development.

Qualification requirements
Postdoctoral positions are appointed primarily for purposes of research for an initial period of one and a half year. Applicants must hold a Swedish doctoral degree or an equivalent degree from another country.

Assessment criteria
In the appointment process, special attention will be given to experience and knowledge in protein biochemistry and protein/protein interactions. Experience is required in molecular biology, genetics and uses of loss of function mutants in Arabidopsis. Mastering of fluorescence and confocal microscopy will be seen as an advantage.

Terms of employment
The position is full-time employment for a maximum of one and a half year. Start date will be agreed upon with the successful candidate.

Stockholm University strives to be a workplace free from discrimination and with equal opportunities for all.

Contact
Further information about the position can be obtained from the research group director, Associate-Professor Edouard Pesquet, telephone: +46 8 16 37 60, edouard.pesquet@su.se.

Union representatives
Anqi Lindblom-Ahlm (Saco-S) and Lisbeth Häggberg (Fackförbundet ST), telephone: +46 8 16 20 00 (operator), and Gunnar Stenberg (SEKO), telephone: +46 70 316 43 41.
Application
Apply for the position at Stockholm University's recruitment system by clicking the "Apply" button. It is the responsibility of the applicant to ensure that the application is complete in accordance with the instructions in the job advertisement, and that it is submitted before the deadline.

Please include the following information with your application
- Your contact details and personal data*
- Your highest degree*
- Your language skills
- Contact details for 2–3 references

and, in addition, please include the following documents
- Cover letter*
- CV* – degrees and other completed courses, work experience and a list of publications
- Research proposal* (no more than 3 pages) describing:
  - why you are interested in the field/project described in the advertisement
  - why and how you wish to complete the project
  - what makes you suitable for the project in question
- Copy of PhD diploma*
- Publications in support of your application (no more than 3 files).

Items marked with an asterisk (*) are obligatory.

The instructions for applicants are available at: Instructions – Applicants.

You are welcome to apply!