

## **Two year post-doctoral position available at Umeå Plant Science Center**

A two year post-doctoral position with the possibility for extension for additional year is available immediately to work on the temperature mediated control of dormancy release and bud break in hybrid aspen. The project builds on previous work from Bhalerao lab: Tylewicz et al Science (2018), Singh et al (2018) Nat Comm; Singh et al Curr. Biol. (2019); Azeez et al (2021) Nat Comm (in press). We have generated several transgenic hybrid aspen lines with altered dormancy and bud break phenotypes. The project aims to characterise these hybrid aspen mutants using cell biological and biochemical and genetic approaches. The applicant must have a strong background in molecular genetics. Experience in plant anatomy and microscopy is a plus. Good communication skills and ability to work in a group are essential.

The selected candidate will join a team using multidisciplinary approaches that range from cell biology, biomechanics and modeling and should be open to such interdisciplinary work.

Umeå Plant Science Center ([www.upsc.se](http://www.upsc.se)) is one of the world leading centers for research in plant biology. UPSC has state of the art equipment in genomics, confocal microscopy, metabolomics and proteomics and excellent plant growth facilities. UPSC has 150 researchers including 50 post-doctoral fellows and equal number of Ph. D and Master students. UPSC has a very international environment with researchers from 37 countries. Umeå also provides close access to outdoor activities such skiing, hiking, kayaking, etc.

Interested applicants should send cv with statement of interest and description of prior research and names of 3 referees.

Please send your applications to Rishikesh P. Bhalerao

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