

Vienna and Tulln, July 11, 2011

PhD position in Wheat Transformation for Functional Gene Analysis



A PhD position is available in a research project on '*Functional analysis of candidate genes in relation to Fusarium head blight response in wheat*'.

In this project we will functionally analyse candidate genes identified in our ongoing research. We will clone and transform candidate genes into a hexaploid wheat line. Transformed plants will be back-crossed to several other spring wheat lines and near-isogenic back-cross progeny with and without the respective transgene will be tested for resistance to *Fusarium* head blight in controlled environment tests.

Requirements: master degree in biology, agricultural sciences, genetics or biotechnology or related discipline, qualifying for a PhD study at BOKU; team orientation, ability to work independently, endurance and enthusiasm for plant sciences.

Practical experience in one or more of the following topics is of advantage: molecular genetics, tissue culture, plant transformation, plant breeding, phytopathology, plant-pathogen interaction.

The position will have a 30 hours per week contract, salary is according to the Austrian Science Fund (FWF) scheme for *PhD* students (<http://www.fwf.ac.at/de/projects/personalkostensaetze.html>). Funding will be available for 42 months.

Working place will be the Department for Applied Genetics and Cell Biology (DAGZ), Muthgasse 11, 1190 Wien (Prof. Eva Stoeger) and the Department IFA-Tulln, Konrad Lorenz Str. 20, A-3430-Tulln (Prof. Hermann Buerstmayr).

For further information please contact:

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Prof. Eva Stoeger, Email: eva.stoeger@boku.ac.at , Phone: +43 (0)1 47654-6366

Send your application as soon as possible (preferably until end of July 2011) to:
Hermann Buerstmayr, BOKU, Department IFA-Tulln, Konrad Lorenz Str. 20, A-3430-Tulln.
Planned starting time: as soon as possible, preferably before Nov. 2011. The position will be filled as soon as a well qualified candidate has been found.