

A three-year research position is available at Division of Genetics, Department of Biological & Environmental Science, University of Helsinki, Finland.

We are seeking a highly self-motivated and enthusiastic PhD student or post-doc to join our research group to discover novel signal transduction mechanisms in plants. Our recent genetic screen has led to isolation of a batch of Arabidopsis mutants which show fascinating growth/development phenotypes.

Candidates with strong background in biochemistry and molecular biology are encouraged to apply for. Excellent oral and written communication skills are essential. Expertise in rice or wheat is preferable but not required. The successful candidate must be able to design and conduct independent experiments.

Applicants should send a single PDF file to Dr. Jing Li (jing.li@helsinki.fi) including:

- (1) Curriculum vitae and list of publications.
- (2) Cover letter outlining the significance of your previous research and how you might contribute to the project.
- (3) Names and contact information of two or three references.

Review of applications will start immediately and continue until the position is filled.

Selected publications:

Li, J., Chu, Z.-H., Nekrasov, V., Batoux, M., Roux, M., Chinchilla, D., Zipfel, C. & Jones, J.D.G. (2009). Specific ER quality control components required for biogenesis of the plant innate immune receptor EFR (PNAS, in press).

Nekrasov, V.*, Li, J. *, Batoux, M., Roux, M., Chu, Z.-H., et al. (2009). Control of the pattern-recognition receptor EFR by an ER protein complex in plant immunity (* contributed equally to the work, EMBO J., in press).

Li, J., Brader, G., Kariola, T. & Palva, E.T. (2006). WRKY70 modulates the selection of signaling pathways in plant defense. *Plant J.* 46: 477– 491.

Kariola, T., Brader, G., Li, J. & Palva, E.T. (2005). Chlorophyllase 1, a damage control enzyme, affects the balance between defense pathways in plants. *Plant Cell* 17: 282– 294.

Li, J., Brader, G. & Palva, E.T. (2004). The WRKY70 transcription factor: a node of convergence for jasmonate-mediated and salicylate-mediated signals in plant defense. *Plant Cell* 16: 319– 331.