

In the Department of Plant-Microbe Interactions at the Max Planck Institute for Plant Breeding Research (MPIPZ) in Cologne, Germany, a

Postdoctoral position in Plant Biology/Molecular Biology

will be available from Jan 1, 2012. This position is based on a Max Planck fellowship and will be initially funded for 2 years (with possible extension).

We seek a motivated candidate with a PhD in plant biology (biology) and extensive knowledge and skills in molecular biology. Experience with Arabidopsis and analysis of genome-wide transcriptional regulatory networks is desirable but not required.

Applicants should have published research results in peer-reviewed high quality journals, demonstrated creativity, independence, high motivation, good communication skills, and the ability to work independently as well as with other members of our research group.

The candidate will work in a project aiming to:

- (1) Understand molecular mechanisms underlying the complex nature of the plant immune network using a variety of genetic resources and genomics approaches.
- (2) Investigate how plants effectively integrate diverse information to coordinate tuned immune responses in changing environments.

References:

Katagiri F and Tsuda K (2010) Molecular Plant-Microbe Interactions, 23: 1531-1536.

Tsuda K and Katagiri F (2010) Current Opinion in Plant Biology, 13: 459-465.

Sato M et al (2010) PLoS Pathogens, 6: e1001011.

Tsuda K et al (2009) PLoS Genetics, 5: e1000772

Tsuda K et al (2008) The Plant Journal, 53: 763-775

The Max Planck Institute for Plant Breeding Research (MPIPZ) (<http://www.mpiz-koeln.mpg.de/>) is one of the world's premier sites committed to research into fundamental processes and training in plant biology. There are four science departments, three independent research groups and specialist support, totaling ~ 400 staff including externally funded positions.

The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply.

The Max Planck Society seeks to increase the number of women in those areas where they are under-represented and therefore explicitly encourages women to apply.

Please send your application including (i) a cover letter summarizing your qualifications and your motivation to work on this project, (ii) a CV with a full publication list, and (iii) names and contacts of three references. The application should be submitted electronically as one file to Dr. Kenichi Tsuda (tsuda@mpipz.mpg.de) before November 1, 2011.

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