



Leibniz-Institute of Plant Biochemistry

Halle (Saale), Germany

The Leibniz Institute of Plant Biochemistry (IPB) invites applications by motivated young researchers with an interest in **molecular aspects of protein degradation** to fill the position of two students seeking a

Ph.D. in Biochemistry or Genetics

We are looking for two creative, flexible, and enthusiastic new team members with a Masters degree or equivalent in biochemistry or biology to join the **Independent Junior Research Group** headed by **Dr. Nico Dissmeyer** at the IPB. The positions are funded by the ScienceCampus Halle.

We study molecular mechanisms, regulation, and maintenance of plant protein stability networks, protein recognition, and degradation in the model plant *Arabidopsis thaliana* using molecular biological and biochemical approaches. For further information, see **dissmeyerlab.org** for further details. Within the PhD project, the full methodological spectrum of biochemical, genetical, cell and molecular biological approaches, as well as proteomics will be combined.

One of the goals will be to investigate alterations in mutants and transgenic individuals by proteome and peptidome profiling exploiting the high-level infrastructure at the IPB and on the surrounding university campus. Mutant screens of plants carrying a transgenic protein stability reporter will be performed coupled with the identification of major genetic loci impairing protein destruction and their further analysis.

The experimental work will be carried out in collaboration with internal on-site and external collaboration partners with different experimental key expertises.

The IPB constitutes a vibrant and collaborative environment for research. Equipped with state-of-the-art technology and excellent core facilities, the institute provides outstanding research opportunities. Closing date for applications (submission of the electronic version) is

September 16, 2012

The positions are immediately available. Later applications maybe considered if the position is not yet filled. **Candidates about to earn their degree are welcome to apply.**

Are you interested in joining our research team? We are looking forward to receiving your application documents!

Further information on required documents, the form of the application, and a more detailed description of the offered positions are available at dissmeyerlab.org (see: Positions).

Please send your applications both by regular mail and email to: Leibniz Institute for Plant Biochemistry, Human Resources, Kerstin Balkenhohl, Weinberg 3, D-06120 Halle (Saale), Germany and to bewerbungen@ipb-halle.de