

The **University of Potsdam, Germany, Faculty of Mathematics and Science, Institute of Biochemistry and Biology** invites applications by motivated young researchers with interest in plant development, gene regulation and evolution. We are searching for two creative and enthusiastic new team members to join a project funded by the Sofja-Kovalevskaja-Programme from the Alexander-von-Humboldt Foundation:

- **Postdoc/Academic Staff Member**

- Salary Scale 13 TV-Länder (Tarifgebiet Ost) **Reference No.: 126/2012**
- The successful candidate holds a PhD degree in Biology or Biochemistry with a focus on Molecular or Developmental Biology, and should have relevant previous research experience. Basic bioinformatics skills are highly desired, and additional training can be provided.

- **PhD student**

- Salary Scale 13 TV-Länder (Tarifgebiet Ost), **Reference No.: 127/2012**
- The successful candidate holds a University Master's degree in Biology or Biochemistry with a focus on Genetics, Molecular or Developmental Biology. Candidates about to earn their degree are welcome to apply.

The hours of work per week for the position Postdoc/Academic Staff Member amount to 40 hours and for the position PhD student amount to 20 hours. The positions are available from January 2013, or upon agreement. Both positions are for a period of 3 years.

**Project description:**

The major goal of the project is to understand mechanisms of developmental gene regulation in flower development, and the evolution of this process. We use a variety of experimental genome-wide techniques to identify target genes of key-regulatory transcription factors and the genomic landscape of transcriptional regulation in flower development. An important question of our research is how apparently similar transcription factors control the formation of distinct organ types in the flower. We also want to understand at which levels of developmental gene regulation the diversity of floral morphologies in different plant species was established during evolution.

For recent publications, see e.g.: de Bruijn et al., *Trends in Plant Science* 2012; Kaufmann et al., *PLoS Biology* 2009; Kaufmann et al. *Science* 2010; Smaczniak et al., *Proc. Natl. Acad. Sci.* 2012. See our website for additional information: <http://www.uni-potsdam.de/en/ibb/researchgroups/junior-research-groups/plantdev.html>

The working language of the laboratory is English.

**Please send applications including CV, letter of motivation and contact details of two referees to Dr. Kerstin Kaufmann, ([kerstin.kaufmann@uni-potsdam.de](mailto:kerstin.kaufmann@uni-potsdam.de)) before 20.11.2012.**