

Philipps



Universität  
Marburg

At the Faculty of Biology, plant cell biology, lab of Prof. S.A. Rensing, we offer for a period of 3 years to be filled as soon as possible, with optional prolongation, a position (65 % of regular working hours) as

### **Scientific employee (Ph.D. student) in comparative genomics (bioinformatics).**

Salary and benefits are according to a public service position in Germany (TV-H), pay scale E 13, and commensurate with experience.

The position is to be staffed temporarily and will offer the possibility of further scientific qualification in the frame of the assigned duties. Duties include scientific services in research and teaching. Our main organism is the model moss *Physcomitrella patens*, our main theme is comparative genomics.

The Rensing lab (<http://plantco.de>, professorship for plant cell biology at the University of Marburg) is a joint wetlab/drylab group interested in the evolution of plants in the wide sense (including algae). We are looking for a Ph.D. student with bioinformatics background. The successful candidate will work on comparative genomics, phylogenomics and epigenomics of *P. patens* and other plants and algae. The work will encompass the analysis of high throughput RNA, DNA and ChIP sequencing data, as well as machine learning/predictive approaches, phylogenetic methods and data visualization.

The position requires an M.Sc. or equivalent in bioinformatics, computer science or biology (bioinformatics skills are mandatory), fluency in English, ability to interact with wetlab and drylab researchers, good communication skills and interest in academic research. Programming skills in Perl or Python are expected, as well as skillful command line use and R or Matlab experience. Good IT/sysadmin skills, knowledge of statistics, experience with databases, Gbrowse and handling of high throughput sequencing data, as well as fluency in German are helpful.

We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. Applicants with children are welcome - Philipps-University is certified as a family-friendly university. Sharing a full-time position (§ 8 Abs. 2 S. 1 HGlG) as well as a reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs cannot be refunded.

Please send your application mentioning the registration number fb17-0003-wmz-2015 including a cover letter, recent C.V. with list of publications, two potential referees and list of skills as a single PDF to [peterjul@biologie.uni-marburg.de](mailto:peterjul@biologie.uni-marburg.de); deadline February 9<sup>th</sup> 2015.