

A post-doc position (100% TV-L/13) jointly supervised by Prof. L. Rose at the University of Duesseldorf and Prof. T. Wiehe at the University of Cologne (Germany) is available immediately within a new research initiative called TRR 341 "Plant Ecological Genetics".



The aim of our research project (B5) is to understand how copy number variation in plants contributes to adaptation. The successful candidate will apply newly developed NGS methods to determine copy number variation within a set of focal plant species and work closely with other team members to model and determine if and how natural selection structures genetic variation within gene clusters.

More details on specific methods and objectives are available directly from

L. Rose (laura.rose@hhu.de) or

T. Wiehe (twiehe@uni-koeln.de)

Requirements for this position are a PhD in Evolutionary Biology, Quantitative Biology, Bioinformatics or a closely related field. Prior experience with Population Genetics, NGS data, SNP calling, genome annotation, and standard molecular techniques is essential. Demonstrated ability to work independently, as well as interest to co-supervise students is strongly recommended. The post-doc will work closely with both research groups in Duesseldorf and Cologne. The day-to-day language in both groups is English, so a demonstrated ability to communicate effectively in English (written and spoken) is required.

Please send your application as a single pdf to Laura Rose (e-mail: laura.rose@hhu.de). Your application should include a CV, a letter of motivation and prior research experience (maximum 2 pages), relevant degree certificates and the name, contact and affiliation of 2-3 referees. Review of applications will begin immediately and continue until the position is filled.

Websites for more information:

Prof. L. Rose, University of Duesseldorf, website: popgen.hhu.de/en

Prof. T. Wiehe, University of Cologne, website: bioinf-popgen.uni-koeln.de

TRR 341 project summaries, website: ag-demeaux.botanik.uni-koeln.de/trr341