



UNIVERSITY  
OF COLOGNE

Faculty of Mathematics and Natural Sciences

## Postdoc (f/m/x) – Molecular plant adaptation

Institute for Plant Sciences | CEPLAS



Foto: Fabian Stürtz

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The 'Ecological Plant Genomics' group at the Institute for Plant Sciences and the Cluster of Excellence on Plant Sciences (CEPLAS) studies the evolution and adaptation of plants. We work on the intersection between ecology and molecular biology to understand how plants can adapt to changing environments. Our main model is currently amaranth, but we also work with heterologous systems. Click here for more information [www.cropevolution.org](http://www.cropevolution.org). The selected candidate will take a leading role in the molecular aspects of our research, studying functional changes of evolutionary relevance.

### YOUR TASKS

- » Study genetic and genomic changes in response to environmental change
- » Establish new molecular methods for non-model plants
- » Participate in the development of projects and contribute ideas
- » Write and publish scientific articles and present results at conferences
- » Participate in teaching and student mentoring
- » Participate in group and project meetings and discussions

### YOUR PROFILE

- » Doctoral degree in relevant field (e.g. molecular genetics, evolutionary genetics, plant breeding)
- » Background in molecular biology, plant genetics or equivalent
- » Interest in evolutionary questions and plant research
- » Experience with molecular genetics and omics techniques
- » Computational skills are a plus
- » Excellent oral and written communication skills in English

### WE OFFER

- » A stimulating research environment in a highly motivated international team
- » Opportunity to develop own research profile
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

The position is available immediately on a full-time basis (39,83 hours per week). The position is initially to be filled for a fixed term of two years with the possibility of extension. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualification, including a letter describing your interests and motivation, CV, and contact information of at least two referees without a photo: <https://jobportal.uni-koeln.de>. The reference number is Wiss2404-20. The application deadline is 26.05.2024. For further inquiries, please contact Professor Dr Markus Stetter ([m.stetter@uni-koeln.de](mailto:m.stetter@uni-koeln.de)).



HR EXCELLENCE IN RESEARCH