

The University of Cologne invites applications for a postdoctoral position  
in the research group of Prof. Juliette de Meaux in the faculty of Natural Sciences.

# 1 Postdoc position

## Evolutionary Systems Biology in *Arabidopsis lyrata*

### Lab. J. de Meaux - Cologne

Our lab has started to explore the genomic and evolutionary features that associate with the mode of gene expression inheritance. By bridging approaches in population genetics and transcriptomics with the traditions of quantitative genetics, we systematically dissect the component of genetic variation that can directly sustain a response to selection.

The postdoctoral research associate will expand this line of work and integrate epigenetic, transcriptomic and phenotypic analyses of variation in the obligate outcrossing species *A. lyrata*. In close collaboration with our international team, the postdoc will also mentor students and actively participate to the lively scientific culture of our lab.

This project is funded by the German Ministry of Research and Education (BMBF) for 36 months. The applicant must hold a PhD in Evolutionary Biology or Quantitative Genetics (Comparative Genomics, Evolutionary Genetics, Plant Breeding or Population genetics) and hold advanced skills in bioinformatic analysis of omics data. Language in the lab is English. Applications or questions regarding the position should be sent by mail to [jdemeaux@uni-koeln.de](mailto:jdemeaux@uni-koeln.de), with the following subject line – Postdoc application adaptation Arabidopsis genus – de Meaux lab. A letter of motivation, a CV and the contact of 3 referees should be provided, all in a *single* pdf file. Revision of applications will begin in February 15<sup>th</sup> 2022 and continue until the position is filled. Funding is for up to 3 years starting on April 1<sup>st</sup> 2022 (flexible starting date). For more information on our lab and research visit our website <http://www.botanik.uni-koeln.de/1146.html>. Applicants still in the process of completing their PhD are encouraged to informally contact the PI if they have questions concerning the position. The University of Cologne is an equal opportunity employer in compliance with German laws. People with disabilities are strongly encouraged to apply. Women are also strongly encouraged to apply.

Cologne is Germany's vibrant Metropolis on the Rhine. The city is well known for its wild carnival, its famous Kölsch beer, its Cathedral and its vivid contemporary art and musical scene. Cologne is the fourth biggest city in Germany with over a million inhabitants from all over the world and an interesting mix of restored historic buildings and modern post-war architecture. Most importantly, Cologne University is one of the oldest and largest Universities in the Country. Our research group is hosted at the Biological Center of the University of Cologne and associated to the Collaborative Research network SFB680 (<http://www.sfb680.uni-koeln.de>) and to the Excellence Research Cluster CEPLAS (<http://ceplas.eu/de/>), which fosters active interactions between plant scientists of the Universities of Cologne, Düsseldorf and the Max Planck Institute of Plant Breeding Research. In this context, our lab members are assured to start their scientific career in a world-class scientific environment.