

Faculty of Mathematics and Natural Sciences

## PhD Position

### at the Botanical Institute

With approximately 50,000 students, the University of Cologne is one of the largest universities in Germany and ranks among the Excellence Universities. It employs over 600 professors and 7,000 academic and non-academic staff.

The newly establishing „Crop Evolution“ group at the Botanical Institute studies the evolution and adaptation of crops. We use population and quantitative genetics to understand how wild plants became crops and how these crops spread across the globe. Our models are maize and amaranth.

#### YOUR TASKS

- » Analyze genomic and phenotypic data of wild and domesticated amaranth
- » Carry out greenhouse experiments and produce experimental populations
- » Participate in the development of the project and contribute ideas
- » Write and publish scientific articles
- » Participate in group meetings and discussion

#### YOUR PROFILE

- » M.Sc. in Biology or related discipline
- » Background in population genetics, quantitative genetics, bioinformatics or equivalent
- » Interest in evolutionary questions and plants research
- » Bioinformatics skills (Unix and at least one programming language, e.g. R, Python) are highly desired
- » Experience with genomic data analysis
- » Excellent oral and written communication skills in English

#### WE OFFER YOU

- » Training in an enthusiastic and dynamic team
- » Participation in public CEPLAS activities and training
- » a diverse and fair working environment
- » Support in reconciling work and family life
- » Flexible working time models, full-time positions suitable for job sharing
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Local transport ticket at a discount for UoC employees

The position is available from April 1st, 2019 on a part-time basis ( 65% ). It is limited to 3 years. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group 13 TV-L of the pay scale for the German public sector.

The University of Cologne promotes equal opportunities and diversity in its employment relations. Women are expressly encouraged to apply and given priority in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We expressly welcome applications from individuals with severe disabilities or people of equivalent status. Severely disabled applicants of equal merit and qualifications will be given priority.

Please send your application, including a letter, describing your interests and motivation, your CV, and contact information of at least one referee, by email (in one pdf-file) with the reference number 1812-16 to Dr. Markus Stetter ([crop-evolution@uni-koeln.de](mailto:crop-evolution@uni-koeln.de)). Reviewing will start after January 20th, 2019, but the position remains open until filled.