

Max-Planck-Institut für Pflanzenzüchtungsforschung

Max Planck Institute for Plant Breeding Research



MPI für Pflanzenzüchtungsforschung • Carl-von-Linné-Weg 10 • D-50829 Köln

A DFG-funded Ph.D. position (65% TV-L/13) is available at the Max Planck Institute for Plant Breeding Research (Cologne, Germany), Group Fulgione

A PhD position in plant population genetics and genomics is available under the supervision of Dr. Andrea Fulgione. The project is on the population genomics consequences of the evolution of mating systems and reproductive strategies, using the perennial plant *Arabidopsis alpina* as a model. The successful candidate will work on long-reads genome assemblies and use population genetics methods to study the evolution of transposable elements and structural variants. Further, in the group we have developed a large-scale collection of NGS whole-genome sequences, which can be used as an additional resource for this project.

Candidates should hold a MS degree (or equivalent), preferably in Evolutionary Biology, Quantitative Biology, Bioinformatics or Plant Sciences. Experience in assembling genomes, population genetics, bioinformatics, and/or plant sciences will be preferred. Curiosity and an interest in learning new topics is essential. We strive to increase the proportion of women in science, so qualified women are particularly encouraged to apply for this position.

Please send your application in English to Andrea Fulgione (E-Mail: fulgione@mpipz.mpg.de), using as subject: "Application for PhD position PRMS245". Include in the application your CV, a letter of motivation and research interests, relevant certificates (e.g., degree certificates) and the name, contact and affiliation of 2-3 referees. Please send your application documents until the 31th of March 2023. The position is available as soon as a fitting candidate is found.

Contact: Dr. Andrea Fulgione, Max Planck Institute for Plant Breeding Research (MPIPZ), Department of Plant Developmental Biology, Cologne, Germany.



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