



The department of Comparative Development and Genetics at the Max Planck Institute for Plant Breeding Research (MPIPZ) is seeking to appoint a **Staff Scientist** in

Plant Developmental Biology

The successful applicant will be involved in research and contribute to operations in the area of Genetics and Evolution of Morphogenesis under the direction of the Director Prof. Miltos Tsiantis.

We are seeking an individual with a PhD in biology or a related discipline and demonstrable high-level competence in analysis of plant morphogenesis and its genetic control, using **advanced imaging** and **genetics**, and no more than five years of post-doc experience. Excellent interpersonal and organizational skills are required including outstanding record keeping, good IT literacy, willingness and ability to learn new methodologies and strong communication skills, including demonstrable ability to write clearly and concisely in English. The post holder will conduct original research, contribute to day-to-day advice of more junior lab members and participate in developing and improving advanced developmental biology methods (e.g. time-lapse imaging and use and improvement of methods for analyzing genetic mosaics) and associated approaches. The scientific questions asked relate to how developmental genes regulate cellular growth to generate diversity. Please, refer to Vlad et al. 2014, *Science*; Rast-Somssich et al. 2015, *Genes Dev*; Vuolo et al. 2016, *Genes Dev*; Kierzkowski, Runions *et al.* 2019, *Cell*, for relevant published work by the group.

The post holder should also be interested in project management as he/she will also contribute to maintaining relevant departmental technical expertise and genetic resources and in training of new or junior researchers. The successful applicant will be a strong team player, highly solution-oriented and will have a key role in ensuring smooth running of lab activities in the area of morphogenesis. He/She will also support funding applications in the area of plant development. Payment and benefits will depend on age and experience and will be according to the German TVöD scale and, provided a sufficiently trained candidate is identified, will be at the E14 level to reflect corresponding responsibilities. An appointment will only be made if and when a suitable candidate is identified. Only shortlisted candidates will be contacted, maximum 1 month after the application deadline. The post is initially for 3 years with possibility for renewal. The post would suit an experienced researcher who is passionate about plant developmental biology and also wishes to obtain experience in project management.



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The application should include a **two-page CV** and a **letter of motivation** stating clearly how previous experience and interests match the post requirements and career aspirations, names and addresses of **two referees** and should be submitted via e-mail as **one document** to Dr. Karakasilioti (applications.tsiantis@mpipz.mpg.de), by 8 June 2020.

The Max-Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals. Furthermore, the Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.

The Max Planck Institute for Plant Breeding Research (MPIZ) in Cologne (<http://www.mpipz.mpg.de/2169/en>) is one of the world's premier sites committed to basic research and training in plant science. The institute has four science departments, three independent research groups and specialist support, totaling 400 staff including externally funded positions.



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