Max Planck Institute for Plant Breeding Research

A new department of Comparative Development and Genetics at the Max Planck Institute for Plant Breeding Research (MPIPZ) is seeking a group leader in the area of:

Computational Modelling of Morphogenesis

The Department will operate under the direction of Honorary Professor Miltos Tsiantis and will investigate problems of plant development and evolution. The successful applicant will contribute to existing research projects and build independent research activity aimed at understanding plant morphogenesis and its diversity. The successful applicant will work with other research groups in the Department and will also participate in national and international Graduate Partner Programs and bids for external funding. Core funding is available to support activity of the group.

We are seeking a scientist with a PhD and an outstanding record of internationally competitive research accomplishments in computer science and its application in understanding morphogenesis, particularly through the use of geometric models. Experience with the effective and creative use of biological imaging data to support quantitative studies of development would be a strong advantage. A demonstrable ability to collaborate smoothly and synergistically in the context of interdisciplinary projects involving external collaborations is essential. Payment and benefits are according to the German TVöD. The position will initially be for five years. Exceptional candidates may be considered for a tenure track appointment pending review.

The Max Planck Institute aims to increase the proportion of women in so far underrepresented areas. Disabled applicants with equal qualifications will be given preferential treatment.

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.

Interested candidates are invited to send applications consisting of:
- a brief cover letter explaining their background and motivation for applying for this post,
- a statement of research plans (up to a page long),
- a full CV including the contact details three referees indicating the reference number by post to:

Max Planck Institute for Plant Breeding Research
Dept. of Developmental Genetics
Carl-von-Linné-Weg 10
D-50829 Cologne, Germany
e-mail: Christiane Wojtera, wojtera@mpipz.mpg.de

Applications will be evaluated until a suitable candidate is identified.
For informal enquiries please contact miltos.tsiantis@plants.ox.ac.uk.

MAX-PLANCK-GESELLSCHAFT