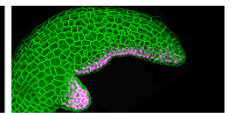
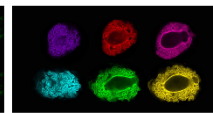
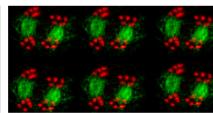
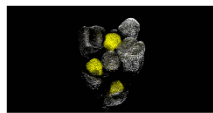




MAX PLANCK INSTITUTE
FOR PLANT BREEDING RESEARCH



We are looking for 2 Postdoctoral Researchers

and

1 Bioinformatician

(m/f/d)

to start as soon as possible. The positions are funded for three years within the BMBF project “EpiHAP” within the call „Epigenetics – chances for plant research”

Who we are:

The positions are distributed between [the “Max Planck-Genome-centre Cologne \(MPGC\)”](#) and the Research Group [“Epigenetic Regulation of Plant Development \(Epi-Group\)”](#). With its service-oriented team, the MPGC offers many opportunities for advanced training in NGS-based approaches. The Epi-Group is led by Dr. Franziska Turck, an internationally recognized expert in plant epigenetics research.

Your tasks:

- Establish single-cell epigenomics and transcriptomic pipelines in model plants and crops
- Apply these pipelines to cells undergoing somatic and gametophytic embryogenesis
- Analyze single cell data from crops and model plants during embryogenesis
- Implement Deep Neural Network approaches for plant epigenetics
- Push the limits of our understanding of epigenetic barriers to plant embryogenesis

Your profile:

- PhD in natural sciences, life sciences, bioinformatics or similar
- Solid background in experimental molecular biology or bioinformatics
- Preferably prior experience in at least one of the following: single-cell techniques, FACS, tissue culture, epigenetics, developmental biology
- Oral and written communication skills in English (required) and German (desired)
- Ability to work effectively in an interdisciplinary team composed of basic researchers and industrial partners
- Communication and collaborative skills
- Interest in training peers and students

You will be paid according to your qualifications in accordance with the regulations of the German TVÖD Bund (salary agreement for public service employees) up to salary group E 13 TV-Bund and all social benefits correspond to the regulations for the public service (federal service).

We look forward to receiving your application in our application portal latest by 15.08.2022.

The Max Planck Society is one of Europe’s leading research organizations. In its research laboratories, workshops, libraries, and administration, scientists and researchers perform demanding tasks with a high degree of autonomy and creativity. The Max Planck Institute for Plant Breeding Research carries out fundamental research on plants using a wide range of methods including molecular genetics, genomics, imaging, computational biology and biochemistry.

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 Society strives for gender equality and diversity. We welcome applications from all backgrounds.

Little Pumpkins is the child care facility at the MPIPZ providing daycare for children up until 3 years of age.

It is possible to buy an attractively priced VRS bulk customer ticket and apply for a subsidy from the MPI.

If you would like to work in a dedicated team, please convince us now by sending us your complete application documents together with your earliest possible date of joining the institute.

Have we sparked your interest?

Please apply. We are looking forward to getting your complete application documents.

Website: www.mpipz.mpg.de

