The Genome Centre Cologne at the Max Planck Institute for Plant Breeding Research (MPIPZ) in Cologne is seeking a

**Bioinformatician**

to work in a state-of-the-art genomics service group. We are looking for a candidate with a completed scientific doctorate in bioinformatics, biostatistics or a comparable field. Applicants with degrees in related fields like molecular biology, molecular genetics and general biology and a track record in bioinformatics will also be considered.

The candidate should be familiar with bioinformatic tools to analyze the NGS sequencing data (Illumina, Pacific Biosciences, Oxford Nanopore) and single cell technology e.g. with 10xGenomics. The candidate should be able to discuss the biological questions the users want to solve by sequencing and offer advice, also ahead of the project start.

Bioinformatic tools encompass programs for sequence quality testing, sequence comparison, sequence assembly, variant detections, RNAseq assessment, phylogeny, sequence annotation, etc. The candidate should have good programming skills in languages used for the development of bioinformatic tools (e.g. Python, Perl, R) and in UNIX shell script development. The candidate should be able to translate complex problems into efficient scripts and should be able to develop programs for parallel processing. The applicant is expected to be team-oriented with strong communication skills and to interact with the current lab manager on a daily basis.

Fluent written and spoken communication in English is essential, and German would be advantageous.

The position is initially until the end of 2020 with an approximate starting date of March 2019. Payment and benefits are according to German TVöD.

The Max Planck Institute of Plant Breeding Research (MPIPZ) (http://www.mpipz.mpg.de/) is one of the world’s premier sites committed to research of fundamental processes and training in plant biology. There are four science departments, the Genome Centre Cologne, three independent research groups and specialist support, totaling ~ 400 staff including externally funded positions.

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.

Please send your application including CV and name of at least two academic referees as a single PDF latest by January 4, 2019 via e-mail using subject “Bioinformatician” to: „application-mpgc@mpipz.mpg.de”