The Department of Plant-Microbe Interactions at Max Planck Institute for Plant Breeding Research (MPIPZ) in Cologne, Germany, invites applications for two Postdoctoral positions in Bioinformatics.

The successful applicants will be expected to develop and apply computational tools for the analysis of high-throughput sequencing amplicon, (meta)genome and (meta)transcriptome data. Candidates are expected to interact closely with computer scientists and experimental biologists and employ computational approaches to deepen our understanding of the evolution and functions of the plant microbiota as well as its interface with the plant innate immune system.

We seek a creative and motivated candidate with a PhD in computer science, bioinformatics, statistics or related field. The applicant should be proficient in the use of Linux/Unix and have proven experience in scripting and software development (e.g. Python, C/C++, Java, R). Experience in analysis of next generation sequencing data is desired. The ability to work in an environment at the interface of biology and computer sciences in addition to good communication skills are essential.

The two positions will be offered for 2 years with the possibility of extension and are available immediately. Salary and benefits are commensurate with public service regulation (TvöD).

The Max Planck Society is an equal opportunity employer. Handicapped individuals are particularly welcome to apply. Further, the Max Planck Society seeks to increase the percentage of women in those areas where they are underrepresented and therefore we explicitly encourage women to apply.

For questions concerning the position, please contact Dr Ruben Garrido-Oter (garridoo@mpipz.mpg.de). Applications consisting of a cover letter, curriculum vitae, list of publications and the name of at least one academic referee should be combined as a single PDF and sent via e-mail to the Departmental Office:

Jutta Weinand (weinand@mpipz.mpg.de) by 9 February 2018.

Interviews with shortlisted candidates will be held on 27 February 2018.