



MAX-PLANCK-GESellschaft

The Max Planck Institute for Developmental Biology in Tübingen is a world-renowned research institute and part of the German Max Planck Society.

The **Algal Development and Evolution Department** is seeking a full time

Postdoctoral Associate (f/m/d)

with excellent skills and knowledge in the field of Next Generation Sequencing technologies to work on large scale brown algal genomic data.

The successful candidate is expected to develop and apply computational tools for the analysis of high-throughput sequencing data, like the analysis of DNaseq, RNAseq, ChipSeq or HiC data. The successful candidate will be involved in various studies using brown algae as a model system, focused on, but not limited to:

- * genome assembly and annotation
- * comparative genomics
- * sex chromosome evolution
- * epigenetic analysis
- * speciation genomics
- * database development and maintenance

General responsibilities also include data and pipeline management as well as participating in the writing of resultant manuscripts. The successful candidate is expected to interact closely with experimental biologists.

The ideal candidate will have:

- * a PhD in bioinformatics, computer science, data science, biology or related discipline with focus on computer science, in particular with regard to high throughput genomic data analysis
- * A demonstrated track record in next generation sequencing data analysis is required
- * experiences in programming, preferably in R, C/C++, Python
- * good interpersonal and communication skills, as well as the ability to work well both independently and as part of a team.
- * good command of English, both written and spoken



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The payment level is based on the German state public service salary scale (TVöD-Bund) according to the training, qualifications and professional experience. The benefits correspond to the regulations of the public service.

The position is available from January 2021, and will remain opened until a suitable candidate is found. Informal enquiries can be made to susana.coelho@tuebingen.mpg.de.

Send your application to office_coelho@tuebingen.mpg.de.

Applications must include a cover letter, curriculum vitae, and names and contacts of a least two reference persons.

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.

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.