MAX PLANCK INSTITUTE
FOR MULTIDISCIPLINARY SCIENCES

The Max Planck Institute for Multidisciplinary Sciences is a leading international research institute of exceptional scientific breadth. With more than 40 research groups and some 1,000 employees from over 50 nations, it is the largest institute of the Max Planck Society.

The department of *Tissue Dynamics and Regeneration* (Dr. Jochen Rink) invites applications for a position as

Bioinformatician (f/m/d)

About us

We are a young and thoroughly international department and our working language is English. We study the fascinating ability of some planarian species to regenerate complete animals from random tissue pieces and carry out worldwide field expeditions to study the evolution of regenerative abilities. Our approach is interdisciplinary in nature and encompasses various next generation sequencing techniques, including RNAseq, scSEQ, ATACseq, CHIPseq, Hi-C and long-read sequencing. We assemble and annotate genomes and mine them for regenerative mechanisms, scaling phenomena and other intriguing quirks of planarian biology.

About the position

We are looking for a talented and motivated Bioinformatician to join us. In this role, you support department members in the analysis and mining of NGS data sets, maintain the departmental analysis pipelines and databases and develop or integrate new analysis tools. You further interface with the Institute IT services and the computational service provider at the local university (GWDG). Close collaborations with department members and external collaborators are a core aspect of the position. The pursuit of personal research interests is possible and encouraged, including the possibility of mentoring Masters or PhD students.

Your Profile

- You hold a Master's degree or Ph.D. in a relevant subject area, e.g., bioinformatics, computational biology, computer sciences or biology.
- You have extensive experience and a proven track record in one or more of the following: RNAseq and differential expression analysis, single cell seq, CHIP or ATACseq, genome assembly and annotation, comparative genomics.
- You have hands-on experience with at least 3 of the following tools and packages: UCSC genome browser, Snakemake, Bioconductor packages, GATK, PAML, R, eLabJournal.
- You are used to working with linux servers and have experience with high performance computing and/or cluster management.
- You are passionate about big data analysis and the ongoing developments in the field.
- You are self-motivated, organized and able to multi-task/prioritize multiple projects.
- You enjoy being part of a collaborative research environment and team work.

We offer

- competitive research in an inspiring, world-class environment
- Moving assistance for the ones joining us from abroad and help with getting settled in Göttingen
- professional training, networking and career-development opportunities; free language courses
- on-site health management: free fitness and yoga room, sports groups, beach volleyball league, and courses for a "moving lunch break"
- a wide range of opportunities to balance work and family life, including an on-campus kindergarten and vacation care

- initiatives for sustainability and a green environment with an on-site biotope
- Close proximity to the historic town center of Göttingen with rich cultural opportunities and a vibrant student scene,
- Green and peaceful surroundings that are great for running, hiking, cycling and other outdoor activities.

Recruitment

The position should be filled as soon as possible; the exact start date is flexible. The payment and benefits are based on the TVöD (wage agreement for public service personnel) guidelines. Positions are initially limited to two years with a possibility of extension.

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

How to apply

Please submit your application including a cover letter, CV, transcripts and publication record (if applicable), and the contact addresses of 3 referees as a single document, preferably as a PDF file. Please make sure that the cover letter clearly states your motivation for why you want to join the department and your relevant experience that qualifies you for this position. Review of applications will begin immediately. Please submit your application to

ausschreibung40-22@mpinat.mpg.de

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For informal e-mail enquiries, please write to **jochen.rink@mpinat.mpg.de**.

Information pursuant to Article 13 DS-GVO on the collection and processing of personal data during the application process can be found on our website below the respective job advertisement.