



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)

We study the fascinating ability of some planarian species to regenerate complete animals from random tissue pieces and we carry out worldwide field expeditions to study the evolution of regenerative abilities. Our approach encompasses various next generation sequencing techniques, including RNAseq, ATACseq, CHIPseq, Hi-C and long-read sequencing and comparative genomics. The Bioinformatician supports department members in the analysis and mining of NGS data sets, maintains the departmental analysis pipelines and databases and integrates or develops new analysis tools. The bioinformatician further interfaces with the Institute IT services and the computational service provider at the local university (GWDG). Close collaborations with department members and external contacts are a core aspect of the position. In addition, the pursuit of personal research interests is possible, including the mentoring of Masters or PhD students.

Your profile

- You hold a Master's degree or Ph.D. in a relevant subject area, e.g., biology, computational biology or computer sciences.
- 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 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 independent.
- You enjoy team work and being an active part of a collaborative research environment.

What we offer

- Competitive research in an inspiring, world-class environment
- 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
- spacious on-site cafeteria with diverse meals; espresso bar
- initiatives for sustainability and a green environment with an on-site biotope

About us

We are a young department at the Max Planck Institute for Multidisciplinary sciences, part of one of Germany's premier research campuses. We represent the organismal end of the wide spectrum of research activities at the institute and investigate the mechanistic and evolutionary underpinnings of planarian regeneration. We are a thoroughly international and interdisciplinary department and our working language is English (knowledge of German is not required). Our department maintains its own state-of-the-art high performance computing clusters and we have



access to large computation resources elsewhere on Campus and in Germany. We enjoy generous funding by the Max Planck Society, the ERC and other funding programs. The historic town center of Göttingen in close proximity offers rich cultural opportunities and a vibrant student scene, while its green surroundings are ideal for running, hiking, cycling and other outdoor activities.

Position details

Payment and benefits are based on the German Public Service Payscale (TVöD Bund) guidelines. The positions should be filled as soon as possible; the exact start date is flexible. The 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.

Application

Please submit your application including a cover letter (explaining background and motivation), CV, transcripts and publication record (if applicable) and the contact addresses of 3 references (if possible) preferably as a single PDF file to

ausschreibung40-22@mpinat.mpg.de

(Review of applications will begin on August 5th and continue until the position is filled)

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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.