



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 *Molecular Biology* (Prof. Dr. Patrick Cramer) invites applications for a position as

Postdoc (f/m/x)

- molecular and/or computational analyses of transcription regulation -

About us

We are looking for a highly motivated and experienced postdoctoral researcher to join our team that investigates transcription and its regulation *in vivo*. Our model is cells, and we use multi-omics methods to investigate nascent transcription. Current open topics in transcription include the transitions between different phases of transcription, the hierarchy of transcription regulation, single molecule approaches and the understudied regulation of transcription by promoter-proximal early termination.

The team is a part of the current MPS president's Department of Molecular Biology (MPI-NAT, Göttingen, <http://www.mpinat.mpg.de/cramer>). Within this department we work collaboratively and intertwined with the project teams of Christian Dienemann and Michael Lidschreiber to investigate the process of transcription by RNA polymerases with a multifaceted approach that encompasses structural biology, biochemistry and multi-omics. These approaches, which are both orthogonal and synergistic, provide us with unparalleled insight into the molecular mechanism of transcription.

About the position

Individuals with a strong background in molecular biology, biochemistry, computational biology, or a related field are encouraged to apply for a postdoctoral position in our laboratory. The project will be tailored to the specific interests of the successful candidate, and the ideal applicant will have a strong background or motivation to pursue research in one or more of the following areas: uncovering the molecular mechanism of action of transcription regulators, dissecting a crucial transcription regulation mechanism, modeling transcription *in silico*, or developing a new method to explore nascent transcription. The team is eager to fill the position at the earliest opportunity, and the start date is negotiable.

Your profile

- You have a doctoral or equivalent degree in biochemistry, molecular biology, computational biology or closely related fields and a proven track record.
- Experience with transcription regulation, epigenetics, or multi-omics approaches is advantageous, but it is not a prerequisite for consideration.
- You are curiosity-driven and have a passion for scientific discovery.
- You have the ability to work independently and will thrive in an international, multidisciplinary, and collaborative environment.
- Proficiency in scientific English is essential; German skills are not a prerequisite, as English is the working language of our team.

We offer

- A world-class research environment with state-of-the-art equipment and infrastructure.
- Interesting and varied work in a supportive and friendly environment.
- Professional training, networking, and career-development opportunities, as well as 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 cafeteria with a wide range of meals plus an espresso bar.
- Initiatives for sustainability and a green environment with an on-site biotope.

Position details

The payment and benefits are based on the TVöD (wage agreement for public service personnel) guidelines. The position is for three years.

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 procedure

This position is advertised as part of the Max Planck Postdoc Program at

<https://postdocprogram.mpg.de/node/721>

Please submit your application through the Max Planck Postdoc Program application portal at <https://postdocprogram.mpg.de>.

