

Max-Planck-Institut für Molekulare Zellbiologie und Genetik (MPI-CBG)



500 Menschen aus 50 Ländern arbeiten am Max-Planck-Institut für Molekulare Zellbiologie und Genetik (MPI-CBG) und lassen sich von ihrem Forscherdrang antreiben, um die Frage zu klären: Wie organisieren sich Zellen zu Geweben? Das Institut bringt Menschen aus den verschiedensten Disziplinen zusammen, was neue Einsichten und Erkenntnisse eröffnet.

Technical Assistant (m/f/d)

in RNA and Translational Control in Zebrafish Development

City: Dresden; Starting date (earliest): 01/01/26; Duration: 2 years; Remuneration: TVöD E9a; Reference number: 2025-Technician-RNAZebrafish-2580; Closing date: 10/11/25

Working field

The newly established lab of Dr. Madalena Reimão Pinto investigates the molecular mechanisms regulating mRNA translation during zebrafish embryogenesis. As embryos develop, how do cells know how much protein to make as they differentiate? The lab aims to uncover how mRNA 5'UTR sequence motifs control translational dynamics, to identify the effector RNA binding proteins and their roles in embryogenesis. Moreover, we explore how 5' UTR isoforms contribute to proteome diversification and cell fate acquisition during development. To address these questions, we combine the power of the zebrafish embryo with quantitative biochemical, imaging, next-generation sequencing, and computational approaches. Our vision is to create a collaborative, international, inclusive environment where exciting discoveries in RNA biology can thrive, while fostering the skills and career development of lab members.

Main responsibilities

As a core member of the Reimão Pinto Lab, the successful candidate will take an active role in both experimental work and the day-to-day organization of our dynamic research environment. Responsibilities will evolve with the lab's growth and initially include:

- Conduct and support experiments in molecular biology (e.g. cloning, RT-qPCR, western-blotting) and zebrafish genetics (e.g. microinjections, genotyping, imaging).
- Collect, record, and process experimental data.
- Contribute toward developing and optimizing experimental protocols.
- Coordinating day-to-day lab organization, including ordering, documentation, and equipment maintenance to ensure smooth operations and safety compliance.

Requirements

Essential Qualifications

- Research technician qualification (MTA/BTA or equivalent) or a scientific university degree in a relevant field.

- Hands-on experience in at least one of the following: molecular biology and cloning, biochemistry, zebrafish genetics.
- Proficiency in written and spoken English.
- Analytical and solution-oriented mindset, with the ability to troubleshoot and optimize experiments.
- Strong organizational skills and attention to detail in experimental documentation and lab operations.
- Collaborative and reliable working style, with openness to learn and take responsibility within a dynamic research environment.

Desirable Qualities

- Experience in RNA work.
- Experience with microscopy.
- Basic data analysis skills.
- Good level of German.

What we offer

We offer the opportunity to be part of the exciting process of establishing a new research group at a renowned institution, helping to shape its culture and set the standard for future members. You will work in an environment that values rigorous experimental practice, intellectual curiosity, and personal as well as scientific growth. In addition, you can expect:

- Salary and social benefits according to the German public service pay scale (TVöD Bund), commensurate with qualification, experience, and responsibilities, up to pay group EG 9A.
- Attractive pension plan via VBL (Federal and State Government Employees' Retirement Fund);
- Discounted job ticket (VVO) and good public transport connections;
- Support for a positive work-life balance, including proactive health programs and assistance with family/childcare matters.

The position is available as of 01.01.2026. The initial contract is for 2 years with the possibility of extension.

For enquiries regarding specifics of the position, please contact Madalena Reimão Pinto via pinto@mpi-cbg.de. For initial enquiries regarding contract or compensation, please contact Brian von Rueden, Head of Human Resources, via hr@mpi-cbg.de.

Application

We encourage you to submit your complete application by 10.11.2025 via our online application system stating Code 2025-Technician-RNAZebrafish-2580. Applications will be reviewed on a rolling basis until the position is filled.

<https://careers.mpi-cbg.de/jobs/60198565/Technical-Assistant-m-f-d-in-RNA-and-Translational-Control-in-Zebrafish-Development/>

The following materials should be included:

- Cover letter indicating motivation to join the Reimão Pinto lab
- CV (including publications if applicable)
- Academic and professional certificates
- Contact details of at least two approachable references

Max Planck Institute of Molecular Cell Biology and Genetics

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<http://www.mpi-cbg.de>

- The Max Planck Society strives for gender equality and diversity. We welcome applications from all backgrounds, regardless of gender, nationality, ethnicity, sexual orientation, religion, age, and other components of identity.
- The Max Planck Society specifically aims to increase the proportion of women in the areas in which they are underrepresented. We therefore explicitly invite women to apply.
- The Max Planck Society is further committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.
- The Max Planck Society supports the compatibility of family and career and is certified according to the "berufundfamilie" ("job and family") audit.
- When you submit a job application to MPI-CBG, you are transmitting personal data. Please refer to our privacy notice for information on how we collect and process personal data in accordance with Art. 13 of the Datenschutz-Grundverordnung. By submitting your application, you confirm that you have taken note of the information in our privacy notice.

More information at <https://stellenticket.de/198842/HTWB/>

Offer visible until 10/11/25

