Dresden University of Technology

The **Center for Regenerative Therapies Dresden (CRTD)** is an institute of the **Center for Molecular and Cellular Bioengineering (CMCB)** and currently hosts over 20 research groups and more than 250 employees. Research at the CRTD focuses on regenerative and stem cell research ranging from basic research to application in a clinical-translational context. Researchers at the institute develop new approaches for diagnosis and therapy in the fields of haematology/immunology, diabetes, neurodegenerative diseases and bone and tissue regeneration. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

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At the **Center for Regenerative Therapies Dresden (CRTD)**, the **Junior Research Group Biomineralization, Gravity Sensing and Regeneration** (Dr. Anna Czarkwiani) offers a full-time project position as

Technical Assistant / Lab Technician (m/f/x)

(subject to personal qualification employees are remunerated according to salary group E 9a TV-L)

starting **as soon as possible.** The contract is initially limited to 36 months (time limitation pursuant to TzBfG). Balancing family and career is an important issue. The position is generally suitable for candidates seeking part-time employment. Please indicate the request in your application.

The candidate will join the **ERC Starting Grant** funded project **"Restoring Balance: How axolotls regenerate otoconia for gravity sensing" (*OTOREG*)**. This project will be using the axolotl as a regenerative model system to probe questions concerning our most ancient sense – the sense of gravity. Using a combination of approaches the group will investigate the link between development, regeneration and degeneration of the biocrystal (otoconia) in the vertebrate inner ear at the structural, genetic, cellular and organismal level. This research will not only have implications for our basic understanding of gravity sensation but also for developing putative therapies for balance disorders.

The successful candidate will join a budding junior research group and help to build its organization system, lab culture and research direction. We are thus looking for bold and enthusiastic candidates who are willing to take on the challenge of joining a new group.

Tasks:

- Lab organization duties including ordering, inventory, and equipment management
- Assisting in writing and revising technical documents and protocols
- Experimental troubleshooting and help with lab procedures (molecular biology techniques, genotyping, animal surgery and injections)
- Advising lab members on the use of lab procedures
- Animal husbandry (occasional weekend feeding and animal checks)
- Communication with other lab members, giving advice and training
- Maintenance and preparation of working reagents and buffers
- Maintaining a safe and clean working environment

Requirements:

- Completed vocational training as a biological-technical assistant (BTA), chemical-technical assistant (CTA) with several years of professional experience or as biological/chemical laboratory technician with equivalent knowledge and laboratory-related work experience
- FELASA or equivalent animal experiment qualification is desirable
- An interest in developmental or regenerative biology
- Experience with diverse animal models and especially the axolotl is advantageous

- Experience with molecular biology, sequencing, immunocytochemical techniques, fluorescence microscopy and embryological techniques is highly desirable
- Willingness to work in a cooperative team is highly valued
- Excellent organizing, planning and scheduling abilities
- Good English communication skills are mandatory; German language skills are highly desirable but not required

We offer:

- working in a state-of-the-art research facility in a collaborative, international environment
- implementing your own ideas while working with an innovative team
- being an integral part of the team and the development of the group
- flexible working hours
- use of child care facilities
- use of the sports facilities of the Dresden University Sports Centre
- use of a job ticket / Deutschland-Jobticket
- providing for the future in the form of a company pension plan

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The university is a family-friendly university. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Application: Please submit your detailed application with the usual documents by **April 27, 2026** (stamped arrival date or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to **anna.czarkwiani@tu-dresden.de** or to:

TU Dresden, CRTD, Administration, Katrin Großer, Fetscherstr. 105, 01307 Dresden, Germany.

Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

TUD is a founding partner in the DRESDEN-concept alliance.

DRESDEN concept

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis.