

The Cluster of Excellence Physics of Life (<https://physics-of-life.tu-dresden.de/en>) is an interdisciplinary research center at TUD dedicated to quantitative biology and biophysics. It is funded by the German Research Foundation (DFG) and offers a wide range of support structures, including state-of-the-art light microscopy and advanced bio-image data science facilities in the outstanding Dresden environment.

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.

At the **Cluster of Excellence “Physics of Life”**, the **Research Group “Biophysical Mechanisms of Morphogenesis”** (Dr. Elias Barriga) is looking for a highly motivated and ambitious

Technical Assistant (m/f/x)

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

starting **as soon as possible**. The full-time position is initially limited until December 31, 2032 (time limitation pursuant to TzBfG).

Tasks:

- preparation, execution and documentation of complex biochemical, biophysical, molecular and cell biological experiments
- preparation of recombinant DNA constructs using molecular biology techniques, cultivation of eukaryotic cell lines and E. coli and in vitro transcriptions
- assistance with *Xenopus* and zebrafish husbandry workflows and GMO documentation
- laboratory organization, taking into account the measures for occupational safety and maintenance of lab stocks and databases
- ordering of lab supplies and assistance with related financial documentation
- lab instruction of new group members, students and trainees
- assistance with specific research goals within defined projects and collaborations
- assistance with documentation and preparation of experimental results (e.g. images and data sets)

Requirements:

- completed vocational training as a biological-technical assistant (BTA), chemical-technical assistant (CTA) with state recognition or as biological/chemical laboratory technician with equivalent knowledge and work experience
- advanced knowledge of molecular and cell biology
- experience with amphibian and fish animal systems is essential
- excellent communication skills, especially in German and English (working language is English)
- excellent PC skills (MS-Office, SAP, etc)
- high motivation as well as the ability to work in an international team are required
- several years professional experience in a comparable environment is required

We offer:

- a varied job in a dynamic, international environment
- opportunities for further education and training
- flexible working time models that allow you to reconcile family, career and care
- participation in the additional pension scheme in the public sector via the VBL as well as the possibility of purchasing a job ticket.

If you have any technical questions, please contact elias.barriga@tu-dresden.de.

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 **May 6, 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 carolin.weichelt@tu-dresden.de or to:

TU Dresden, Cluster of Excellence "Physics of Life" (PoL), Carolin Weichelt, Arnoldstr. 18, 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.



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>.