TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. 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 Faculty of Biology, the Chair of Systems Biology and Genetics (Prof. Christian Dahmann) offers a position as

**Research Associate / Postdoc (m/f/x)**

in the area of Developmental Biology

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the earliest possible date. The position is limited to two years with the option of extension. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position offers the chance to obtain further academic qualification. 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.

**Tasks:** In this DFG-funded project, the molecular and cellular mechanisms underlying epithelial morphogenesis in animal development will be explored. Using *Drosophila* as a model organism, the role of the extracellular matrix and the actin cytoskeleton during the folding of the larval wing imaginal disc will be analyzed using genetic, optogenetic, cell biological and RNA sequencing methods. Moreover, cell behavior during this morphogenetic process will be investigated using modern microscopic techniques and computer-assisted quantitative image analysis.

**Requirements:** excellent university and PhD degree in the field of Biology, Biochemistry or a related subject; strong knowledge in molecular genetics and cell biology; strong interest in developmental biology; very good English skills. Experience with confocal microscopy and *Drosophila* is desirable.

**We offer:** a stimulating research environment in an international group. We are associated with the Cluster of Excellence Physics of Life and have access to modern facilities, including advanced imaging and deep sequencing facilities. For further information of the Chair, please see: https://tu-dresden.de/mn/biologie/sysbio.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university and offers a Dual Career Service. 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.
Please submit your detailed application (letter of motivation, CV, and contact details for 3 references) by July 19, 2024 (stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies) to: TU Dresden, Fakultät Biologie, Professur für Systembiologie und Genetik, Herrn Prof. Dr. Christian Dahmann, Helmholtzstr. 10, 01069 Dresden, Germany or via the TUD SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to christian.dahmann@tu-dresden.de. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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.