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 / PhD student (m/f/x)
(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the earliest possible date. The position entails 65% of the fulltime weekly hours and is limited for three 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 (usually PhD).

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 and cell biological methods. Moreover, cell behavior during this morphogenetic process will be investigated using modern microscopic techniques and computer-assisted quantitative image analysis.

Requirements: university degree (Master) in the field of Biology, Biochemistry or a related subject; strong interest in developmental biology; very good English skills; high motivation and the ability to work in a team. Experience with molecular genetics and cell biology is desirable.

We offer: 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 2 references) by August 15, 2023 (stamped arrival date of the university central mail service applies), preferably via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to christian.dahmann@tu-dresden.de or to: TU Dresden, Fakultät Biologie, Professur für Systembiologie und Genetik, Herrn Prof. Dr. Christian Dahmann, Helmholtzstr. 10, 01069.
Dresden, Germany. 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://tudresden.de/karriere/datenschutzhinweis.