Faculty of Biology

The Institute of Genetics, Chair of Systems Biology and Genetics (Prof. Christian Dahmann) offers a position as

**Research Associate / Postdoc**

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

starting **at the next possible date**. The position is limited for two years with the possibility of an extension afterwards. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG).

**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 elongation of the follicle epithelium will be analysed using genetic and cell biological methods. Moreover, cell behaviour during this morphogenetic process will be investigated using modern microscopic techniques (e.g. live imaging, SPIM) and computer assisted quantitative image analysis.

**Requirements:** excellent university degree and PhD 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.

Applications from women are particularly welcome. The same applies to people with disabilities. Please submit your comprehensive application including the usual documents by **26.02.2019** (stamped arrival date of the university central mail service applies) via the SecureMail Portal of the TU Dresden [https://securemail.tu-dresden.de](https://securemail.tu-dresden.de) as a single PDF-document to [christian.dahmann@tu-dresden.de](mailto:christian.dahmann@tu-dresden.de) or by mail to: TU Dresden, Fakultät Biologie, Institut für Genetik, Professur für Systembiologie und Genetik, Herrn Prof. Dr. Christian Dahmann, Helmholtzstr. 10, 01069 Dresden Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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**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](https://tu-dresden.de/karriere/datenschutzhinweis)