



In the **Department of Anatomy**, work group **Molecular Cell Biology** at the **University of Cologne** Medical School one position for a **PhD student** is available as of April 1, 2019.

We are searching for a highly motivated candidate who is interested in studying the molecular mechanisms controlling **actomyosin contractility** and **morphogenesis** in the model organism *Drosophila*. The project deals with the functional analysis of the *Drosophila* protein Smallish (Smash) that we found to be crucial for proper morphogenesis of the fly embryo (Beati et al., 2018). Funding is provided by the Deutsche Forschungsgemeinschaft (DFG) in the program SPP 1782 "Epithelial intercellular junctions as hubs to integrate forces, signals and cell behavior". Further information on the research activities of our group can be found on our homepage: <u>http://www.anatomie.uni-koeln.de/21614.html</u>.

Applicants with a profound interest in cell biology, developmental biology, imaging and genetics are encouraged to apply. Laboratory experience in cell biology, molecular biology and biochemistry is desirable but not mandatory.

We offer a stimulating research environment in an international research team in the center of the Cologne biomedical research campus.

Please send your application including CV, research interests and list of publications as a single pdf file to <u>andreas.wodarz@uk-koeln.de.</u>

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## <u>Reference</u>

Beati, H., Peek, I., Hordowska, P., Honemann-Capito, M., Glashauser, J., Renschler, F. A., Kakanj, P., Ramrath, A., Leptin, M., Luschnig, S., Wiesner, S., Wodarz, A. (2018). The adherens junction-associated LIM domain protein Smallish regulates epithelial morphogenesis. J Cell Biol *217*, 1079-1095

