



Entry date:
as soon as
possible



Application
deadline:
2022-10-02



Salary:
E 13 TV-H



Duration:
3 years



Volume of
employment:
part-time (50 %)

Established in 1527, Philipps-Universität offers excellent teaching for approximately 22,000 students. With research in a wide spectrum of science, it faces the important issues of our time.

The Institute of Pharmacology at the Medical Faculty, research group of Prof. Dr. Thomas Worzfeld, invites applications for a

PhD in mechanobiology

The position is offered for a period of 3 years and is available immediately. Salary and benefits commensurate with a public service position in the State of Hesse, Germany, pay scale E13 (65 %).

Tasks:

The Institute of Pharmacology is located at the Biochemical-Pharmacological Center (BPC), and focuses on mechanisms of epithelial communication and regeneration. The aim of the PhD project is to identify and characterize molecular mechanisms of mechanosensation and mechanotransduction relevant to epithelial stem cell function. The applied techniques will comprise cell and molecular biology (including primary stem cell cultures), biochemistry, super-resolution microscopy, and mouse models of epithelial regeneration.

The position is limited to a time period deemed adequate for the completion of a doctoral degree. As part of the assigned duties, there will be ample opportunity to conduct the independent scientific research necessary for the completion of a doctorate. The limitation complies to § 2, 1 WissZeitVG.

Profile:

We are seeking an enthusiastic, highly motivated and creative student with a degree in Life Sciences (M.Sc., diploma). Experience in cell and molecular biology, biochemistry, microscopy, and animal experiments would be advantageous.

We offer a dynamic working environment at the Biochemical-Pharmacological Center of the University of Marburg, in one of the most traditional and beautiful university towns in Europe, and stimulating scientific surroundings in an international and motivated team. The University of Marburg promotes career development of young scientists, e.g. within the graduate programme of the Biochemical-Pharmacological Center

<https://www.uni-marburg.de/en/fb20/departments/bpc/bpc-graduate-programme>

, and through support by the Marburg Research Academy (MARA) and the International Office.


For inquiries, please contact Prof. Dr. Thomas Worzfeld (worzfeld@uni-marburg.de).

Information about the institute can be found at

<https://www.uni-marburg.de/en/fb20/departments/bpc/pharmatoxikol>

Contact for further information

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We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. As a certified family-friendly university, we support our employees in balancing family and career. A reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs cannot be refunded.

Please send your application – including a statement of interest, a full CV and the name and address of at least two references – by e-mail in PDF format to

Svenja Estor, svenja.estor@staff.uni-marburg.de, before 02.10.2022
mentioning the reference number above.

