



## MEDIZINISCHE FAKULTÄT HEIDELBERG

The **Institute of Physiology and Pathophysiology** is part of the Medical Faculty of Heidelberg University. Scientists of the Institute participate in various national and international collaborative research projects and teach the subject of physiology to about 450 students of medicine and dentistry annually. Research focuses on the physiology and pathophysiology of the cardiovascular and the nervous system.

The Department of Cardiovascular Physiology at the Institute of Physiology and Pathophysiology offers the following position, starting at the earliest date possible:

### **Research Associate (*Wissenschaftlicher Mitarbeiter*) (m/f/d)**

*with the opportunity to obtain a state doctorate (Habilitation)*

The successful applicant, who will directly join the team headed by the director of the department, Prof. Markus Hecker, should have a strong interest in remodeling processes in the cardiovascular system, especially of the heart, and should be familiar with a broad spectrum of state-of-the-art methods in animal experimentation, microscopy, protein biochemistry, cell and molecular biology.

It is expected that, following a one semester training period, he/she will participate in teaching (physiology for students of human medicine and dentistry) with a teaching load of 4 hours per week per semester, covering the entire spectrum of the field, as well as supervise and instruct medical and scientific doctoral students. Suitable candidates should be open to collaborations with researchers of the Institute and the scientific community of Heidelberg as well as with those from national and international research institutions.

Initially the personal research project will be integrated in the research activities of the head of the department (role of mechanosensitive signal transduction pathways in cardiovascular diseases). In view of a possible state doctorate in physiology the establishment and execution of an individual research concept linked to the area of research of the department and the solicitation of external research funding will be supported.

Prerequisite for a successful application is a qualified scientific or medical doctorate and some previous scientific activity (postdoc), ideally with a focus on cardiovascular research. Academic qualifications should be documented by publications in recognized international journals. Due to the participation in teaching a very good knowledge of the German language is essential. Relevant teaching experience is advantageous, but not required.

The position with a starting salary corresponding to TV-L E13 is initially limited to 2 years, with a possible extension of up to 5 years. The maximum term limit according to *WissZeitVG* applies.

Deadline for application is **31 October 2021**. Please send your complete application documents including a detailed CV, a structured list of publications with details of the impact factors, and addresses of 2 references, either in hard copy or, preferably, electronically as a single PDF file to:

**Universität Heidelberg, Institut für Physiologie und Pathophysiologie, Abteilung Herz- und Kreislaufphysiologie, Im Neuenheimer Feld 326, 69120 Heidelberg, Germany**

E-Mail: [bewerbung@physiologie.uni-heidelberg.de](mailto:bewerbung@physiologie.uni-heidelberg.de)

[www.uni-heidelberg.de/physiologie](http://www.uni-heidelberg.de/physiologie)

*Heidelberg University stands for equal opportunities and diversity. Qualified female candidates are especially invited to apply. Disabled persons will be given preference if they are equally qualified.*

