



## HEIDELBERG FACULTY OF MEDICINE

The **Institute of Physiology and Pathophysiology** is part of the Medical Faculty of Heidelberg University. It comprises two independent departments plus an administrative division. The 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 central nervous systems.

The Department of Cardiovascular Physiology at the Institute of Physiology and Pathophysiology offers the following position, starting on 1 July 2018 or earlier:

### **Research Associate / Senior Postdoc (*Wissenschaftlicher Mitarbeiter*)**

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

It is expected that he/she will participate in teaching (physiology for students of human medicine and dentistry) with a minimum of 4 hours per week per semester as well as supervise and instruct medical and scientific doctoral students belonging to the team. Suitable candidates should be open to collaborations with researchers at the Institute and the scientific community of Heidelberg as well as with national and international research institutions. Should the post holder aim for a career in academia, he/she will be encouraged to establish an independent research concept and solicit external funding because, if desired, the position also offers the opportunity to pursue a state doctorate (*Habilitation*) in physiology.

Prerequisite for the successful application is a qualified scientific or medical doctorate and a minimum period of 1-2 years postdoctoral work in a relevant field of cardiovascular research. The academic qualifications should be documented by publications in recognized international journals. Due to the participation in teaching a very good knowledge of German is essential. Relevant teaching experience is, however, not required.

The position with a starting salary corresponding to E13/3 (German TV-L remuneration scheme) is initially limited to 2 years, with a possible extension for 3 years or more.

Applications will be accepted until the position is filled. Please send your complete application including a detailed CV, a structured list of publications with details of the impact factors, and addresses of 2 academic references, either in hard copy or, preferably, electronically 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)

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