



**PhD positions to study the molecular, cellular
and systemic functions of platelets
in health and disease**



The Institute of Experimental Biomedicine I, Rudolf Virchow Center/University Hospital Würzburg, Germany offers two PhD positions in the group of Dr. Markus Bender, which are embedded in the newly DFG-funded Collaborative Research Center CRC/TR 240 “Platelets – Molecular, cellular and systemic functions in health and disease”.

The PhD positions will be connected to the following major research topics:

- a. Optogenetic approaches in platelet production
- b. Role of the platelet cytoskeleton in platelet mechanics

Candidates with a Master degree in life sciences and interests in cell biology, molecular biology, biophysics, time-lapse imaging, mouse in vivo models, and advanced microscopic techniques are encouraged to apply. Successful candidates are expected to prove excellent lab skills. Good English skills are essential.

We offer the possibility to work on highly innovative projects in an excellent scientific environment and to collaborate with national and international research groups. The successful applicants will have the opportunity to enroll in the ‘Graduate School of Life Sciences’ in Würzburg – an international graduate program.

All positions open on July 1st, 2018 or later. Salary is based on TV-L (E-13, 65%). Disabled applicants will be preferentially considered in case of equivalent qualification. The University Hospital of Würzburg seeks to increase the number of women and therefore explicitly encourages them to apply.

Interested candidates should send their application asap, including curriculum vitae, a brief description of past research experience and references to **Bender_M1@ukw.de** (preferably as one PDF file in an email attachment).

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