

The newly established [RTG 3190](#) at the

[Rudolf Virchow Center/
University Hospital Würzburg](#)

invites applications for

11 Ph.D. student positions (f/m/d)

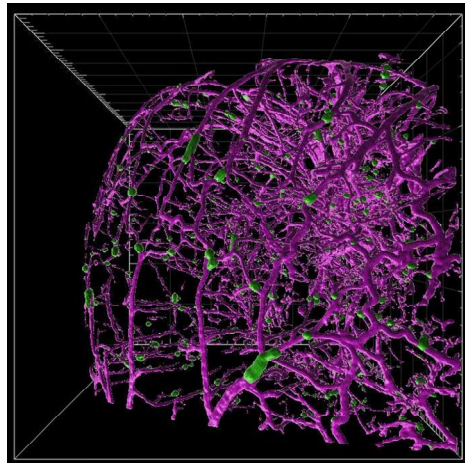
to investigate thrombo-inflammation in various
disease settings.



About the Research Training Group RTG 3190

Thrombo-inflammation is increasingly recognized as a critical pathomechanism in numerous severe disorders linked to infections, trauma, ischemia, or autoimmune issues, which currently have limited treatment options. Although targeting thrombo-inflammatory processes presents a promising therapeutic strategy for these diseases, the underlying mechanisms remain poorly understood. Specifically, the interaction of platelets with immune cells and the vessel wall through receptor-ligand interactions is central to these processes. The DFG-funded Research Training Group (RTG) 3190 aims to explore the function and regulation of platelet membrane receptors and their signaling pathways under thrombo-inflammatory conditions.

Members of the RTG 3190 have established the concept of thrombo-inflammation and belong to the world-leading experts of platelet research. The RTG 3190 combines a wealth of expertise in megakaryocyte and platelet biology, clinical medicine, immunology, vascular biology, and advanced imaging technologies.



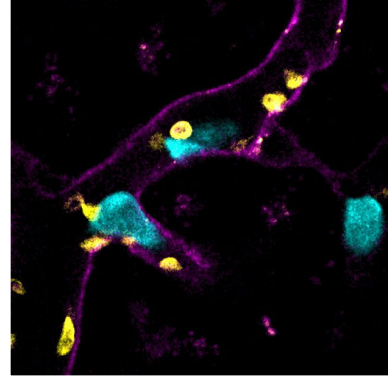
Role Description

As a Ph.D. student in RTG 3190, you will:

- Engage in high-impact research projects that dissect the molecular mechanisms of thrombo-inflammation.
- Collaborate within interdisciplinary teams of internationally renowned experts.
- Utilize cutting-edge imaging technologies and experimental approaches in megakaryocyte and platelet biology.

Your Qualifications

- A university degree (Diploma, MSc, or equivalent) in Life Sciences such as Biology, Biochemistry, Biomedicine, Pharmacy, Veterinary Medicine, or Medicine.
- Experience in experimental techniques relevant to the field is preferable.
- Strong interest in thrombo-inflammatory research and willingness to work with animal models and/or patient samples.
- Team player with self-initiative, creativity, and an independent and responsible work ethic.
- Excellent English language skills and computer literacy.



We Offer

- A stimulating research environment within the excellent [infrastructure](#) of the University Hospital and Rudolf-Virchow-Center.
- Enrollment in the international graduate program at the [Graduate School of Life Sciences](#) in Würzburg.
- Unique, interdisciplinary [training program](#) designed to nurture the next generation of scientists in cardiovascular research and therapy development.
- Comprehensive support for administrative and practical matters through the University's Welcome Centre and International Office.

Application Process

Interested candidates are invited to submit their completed [application form](#), motivation letter, CV, transcript of records, and an English proficiency certificate. Detailed instructions for electronic submission can be found here:

<https://www.platelets.eu/rtg-3190/open-positions/#how-to-apply>.

Fully funded positions are available **starting May 1st** and extend through the entire Ph.D. period. Salaries are competitive and commensurate with experience, following the Collective Agreement for the Public Service of German Federal States TV-L (E13/65%). The University of Würzburg is committed to equal opportunity and strongly encourages qualified women to apply. Severely handicapped applicants will be given preferential consideration if equally qualified.

Applications must be received by January 16, 2026. We look forward to your application and the possibility of welcoming you to our team, where we are dedicated to advancing the understanding and treatment of thrombo-inflammation.

