

# PhD Position in Exosome Biology



Application deadline: 30/04/2025

Applications are invited for a **PhD student position** under the supervision of Dr. Haroon Shaikh at the Department of Medicine II, University Hospital Würzburg. This position is part of a German Research Foundation (DFG)-funded project investigating the role of exosomes as initiators of acute inflammation following allogeneic stem cell transplantation and their prognostic potential in risk stratification for graft-versus-host disease (GvHD).

Our research group is dedicated to advancing the understanding of the tumor microenvironment and allogeneic stem cell transplantation (allo-HCT), with a specific focus on cellular mechanisms and interactions that drive pro- or anti-inflammatory responses (Shaikh H et al., *Front Immunol*, 2021; Shaikh H et al., *JCI Insight*, 2022; Flamann et al., *Blood*, 2025; Dahlhoff J et al., *Leukemia*, 2022; Ataide MA et al., *Immunity*, 2022).

## We offer

- World-Class Research Facilities – Gain access to cutting-edge laboratories and advanced technology to drive innovation.
- Attractive Compensation Package – Enjoy a competitive TV-L salary, a secure company pension scheme, and annual special payments.
- Pioneering Research Environment – Work on ground-breaking scientific challenges alongside leading international experts.
- Dedicated Mentorship & Academic Growth – Receive continuous guidance and support to advance your scientific career.
- Prestigious Graduate School Access – Enhance your expertise through training at the renowned Graduate School of Life Sciences (GSLs), University of Würzburg.

## Your tasks

- Project Development & Execution – Design and conduct experiments, analyze data, and ensure project milestones and objectives are met.
- Scientific Writing – Prepare detailed reports and draft manuscripts for publication.
- Research Dissemination – Present findings at local meetings, as well as national and international conferences.
- Mentorship & Training – Support the development of junior researchers, including Master's and undergraduate students.

## Your profile

- Outstanding Master's degree in life sciences or a related field (or equivalent).
- Strong foundation and keen interest in immunology and/or cell biology.
- High level of motivation, creativity, and problem-solving skills, with a passion for method development.
- Hands-on experience with cell culture and/or animal handling.
- Excellent teamwork and communication skills, with the ability to collaborate in an interdisciplinary research environment.

## To apply

Please submit complete application documents, including a letter of motivation, certificates, letter(s) of recommendation/employment references, and a detailed description of your previous activities and research experience to [Shaikh\\_H@ukw.de](mailto:Shaikh_H@ukw.de)

Or follow the link: <https://karriere.ukw.de/en/p/mttdienst/jobs/11022/phd-in-immunology-and-exosome-biology-mwd-job-in-wuerzburg>

For further information, please do not hesitate to contact us at [Shaikh\\_H@ukw.de](mailto:Shaikh_H@ukw.de)