

Open PhD position in immunology

The **Zimmermann lab** at the **Würzburg Institute of Systems Immunology** invites applications for an ERC-funded PhD position in immunology in the topic of microbiota-directed T cell responses.

Join our young and enthusiastic team in our **ERC-funded endeavor** to understand how the **gut microbiota** induces **T cell responses** and how this can go wrong in inflammatory bowel disease. To achieve this, we use cutting edge germ-free mouse technology including newly developed models of transient bacterial colonization. We combine these with state-of-the-art immunological tools, such as adoptive transfers and peptide:MHC tetramers, to be able to follow specific T cells over time and across organs (*Zimmermann et al., manuscript in preparation*).

We offer

- Exciting projects in a “hot topic” enabled by unique research tools at the interface of immunology and the microbiota
- Wholistic scientific mentoring including experimental planning, conduction, & analysis, but also writing, presentation, and career advice
- Direct supervision by PI in regular meetings
- Friendly and collaborative working environment in an excellent and aspiring institute
- Opportunity to become expert in highly demanded skills such as germ-free experimentation and immunological techniques
- 4-year position with competitive salary (E13 TVL 65%)
- Participation in congresses (national & international)
- State-of-the-art core facilities for flow cytometry, imaging, and sequencing
- Structured scientific training by Graduate School of Life Sciences Würzburg

We are looking for

- Excellent MSc (or equivalent) in life sciences (biology, medicine, or similar)
- Strong motivation and proactivity to drive a project from beginning to end
- Curiosity and a strong interest in immunology and microbiology
- Collaborative spirit to work in a diverse team
- Confident communication skills in English
- Willingness to perform mouse experiments

Send your CV, motivation letter, university transcripts, abstract of MSc thesis, and contact details of 1-2 references in one single pdf file to jakob.zimmermann@uni-wuerzburg.de with subject “PhD application [your name]” until **July 15th**. The start date should be between September and November 2024. For more information, you may visit:

<https://www.med.uni-wuerzburg.de/en/systemimmunologie/research/zimmermann-lab/>

Preference will be given to handicapped persons in case of otherwise equal aptitude.

