

About the Leibniz Institute for Immunotherapy (LIT):

The LIT is an institute within the Leibniz Association located in Regensburg, Germany. Our mission is to develop innovative therapies for the treatment of cancer, autoimmunity, and chronic inflammation. By reprogramming immune cells through synthetic and pharmacological strategies, we build cells that save lives.

The Division of Immunology at the LIT is seeking a motivated master's student to join our cutting-edge research team to perform an experimental master thesis project. One aspect of our research focuses on understanding how T cell responses are influenced by the body's microbiome.

Project overview:

In this master's thesis project, you will investigate key immunomodulatory mechanisms of T cell regulation. Your findings will contribute to enhancing or dampening the function of engineered therapeutic T cells, which may be compromised by microbial components.

Key responsibilities:

- Conducting immune cell culture experiments
- Performing flow cytometric analyses
- Modulating chimeric antigen receptor T cells (CAR T cells)

Qualifications:

- Enrollment in a relevant master's program
- Background in immunology
- Experience with cell culture and flow cytometry
- Strong analytical and problem-solving skills

What we offer:

- Hands-on experience in a leading immunology research institute
- Opportunity to contribute to impactful research with therapeutic applications
- Mentorship and support from experienced researchers

If you are passionate about immunology and eager to advance your research skills, we invite you to apply for this exciting master's thesis opportunity. Join us in uncovering the mysteries of the microbiome and its role in T cell regulation!

Application:

Please submit your CV including a short cover letter to Prof. Dr. Feuerer (markus.feuerer@ukr.de) and Prof. Dr. Uwe Ritter (uwe.ritter@ukr.de).