The University of Freiburg is one of the few universities in Germany that offers a curriculum in immunology as the main subject. Laboratories are located in different institutions within the Faculty of Biology, the Max Planck Institute of Immunobiology and Epigenetics and the University Medical Center.

The **Department of Molecular Immunology** focuses on:
- the activation of B cells and T cells
- synthetic biology and systems biology of the immune system
- checkpoints of B cell development

The Departments of Cellular and Molecular Immunology and Developmental Immunology at the **Max Planck Institute of Immunobiology and Epigenetics** focus on:
- the transcriptional control of B cell development
- the development of lymphoid organs
- the regulation of innate immunity

At the University Medical Center the Division of Immunology of the Institute for Medical Microbiology and Hygiene (IMMH), the Division of Rheumatology and Clinical Immunology of the Department of Medicine, the Division of Allergy of the Department of Dermatology focus on research in immunology, with a broad range of research areas:  
- innate immunity
- the control of infectious and autoimmune diseases
- immunodeficiencies
- malignant diseases of the lymphatic system and tumor immunology. For detail information visit the web pages of the principal investigators where you will also have information on their affiliation to different collaborative research centers.

Several PIs belong to the **Centre of Chronic Immunodeficiency (CCI)**, which aims at:

- identifying new human immunodeficiency disorders
- developing innovative approaches for therapy of immunodeficiencies
- initiating clinical studies to improve diagnosis and therapy for immunodeficient patients
To find information on the principal investigators in this area please click here.

Credit: Sascha Yousefi, RBL-2H3 cells carrying TSPO-eGFP (green) and stained with MitoTracker (red)