

Research Areas

B lymphocyte development and primary immunodeficiencies.

We are interested in the development and the immune responses of human B lymphocytes. Primary immunodeficiencies represent an unlimited pool of mutations affecting the development of B cells, the formation of memory B cells and plasma cells and the production of antibodies. Analyzing the pathomechanisms leading to primary immunodeficiencies we are trying to understand the role and function of genes regulating human B cell development and homeostasis. Our group is supported by the DFG special priority program SPP 1267 "Sphingolipids – Signal and Disease" and the Deutsche Krebshilfe funded Collaborative Research Center "Receptor Signaling and Comparative Genomics in Chronic Lymphocytic Leukemia".

Projects:

- [SPP1267: Sphingolipids - Signaling and Disease \(Ei235/6-2\)](#)
- [Receptor Signaling and Comparative Genomics in Chronic Lymphocytic Leukemia](#)