

# Prof. Dr. Tim Rollenske

Institute of Molecular Medicine and Experimental Immunology



Member since 2023

## Rheinische Friedrich-Wilhelms-Universität Bonn

### Institute

E-Mail: tim.rollenske@uni-bonn.de

### Research Expertise

By training I am a B cell immunologist with focus on single cell B cell receptor repertoire analysis and monoclonal antibody testing. Additionally I am trained in germ-free and gnotobiotic animal models that allow my team to address our projects at mechanistic and molecular detail.

### Education / Training

2017 - PhD in immunology, Humboldt University of Berlin, Germany

2012 - Diploma of molecular biology, University of Vienna, Austria

### Appointments / Positions Held

06/2022 Group Leader  
(Inselspital, Bern, Switzerland)

08/2021 Postdoctoral research fellow  
(Inselspital, Bern, Switzerland)

03/2018 Postdoctoral EMBO fellow  
(Maurice Müller Laboratories, Bern, Switzerland)

02/2017 Postdoctoral research fellow  
(German Cancer Research Center, Heidelberg, Germany)

09/2012 PhD student (Max-Planck Institute for Infection Biology, Berlin, Germany)

### Honors / Awards

03/2023 Emmy Noether DFG Grant

03/2023 Immunosensation Seed Funding Prize

11/2022 SNF Starting Grant (rejected)

09/2022 Fritz and Ursula Melchers postdoctoral prize of the German Society of Immunology

07/2022 Best publication prize of the Department for Biomedical Research, Bern and the Bern Immunology Club

11/2021 Multidisciplinary center for infectious diseases University of Bern career development grant

10/2020 PhD thesis prize of the Paul Ehrlich society of chemotherapy

12/2018 EMBO Long-term postdoctoral fellowship

09/2012 PhD stipend of the International Max Planck Research School for Infectious Diseases and Inflammation (rejected)

### Most Relevant Publications for Tim Rollenske

1. „Parallelism of intestinal secretory IgA shapes functional microbial fitness” (Rollenske et al, Nature, 2021)

2. „Cross-specificity of protective human antibodies against *Klebsiella pneumoniae* lipopolysaccharide O-antigen” (Rollenske et al, Nat. Immunol., 2018)