



Prof. Dirk Haller

Full Professor at the Technical University of Munich, Germany
Biofunctionality of Food (Chair)

1999 Ph.D. in Microbiology and Immunology 'summa cum laude'
Title: 'Modulation of the immune response by non-pathogenic bacteria'

1999-2000: Research Scientist at the Nestlé Research Center in Lausanne/
Switzerland, Department of Immunology

2001-2002: DFG Emmy Noether research fellow of excellence at the University
of North Carolina/USA, Department of Medicine

2003-2006: DFG Emmy Noether group leader of excellence at the Technical
University of Munich/Germany

2005: Declined Associate Professorship at University of Alberta, Canada
Department of Medicine

2007: Declined Full Professorship at ETH Zurich, Switzerland
Nutritional Biochemistry (Chair)

2006-2008: Associate Professor (W2) at the Technical University of Munich,
Experimental Nutritional Medicine

2008 to date: Full Professor (W3) at the Technical University of Munich
Biofunctionality of Food (Chair)

The main areas of Prof. Haller's research relate to the understanding of nutrition and the intestinal microbiome in the initiation, prevention and therapy of chronic inflammatory diseases. Mechanisms of microbe-host interactions are specified by the use of germ-free mouse models for inflammatory bowel diseases (IBD). A major focus is the identification of specific microbial structures relevant for the initiation and prevention of intestinal inflammation specifically targeting the epithelium as primary interface for microbe-host interaction. In addition, unfolded protein responses (UPR) related to the endoplasmic reticulum and mitochondrial stress are characterized in the context of inflammatory processes using novel tissue-specific mouse models.