



Alumni

With alumni in professional positions of university faculties and in various clinics (Vet. med. & Hum. med.), research agencies and industry in Germany, Europe and world wide, our students are well represented and have a strong record of obtaining positions; some at major research universities, some at smaller colleges and universities that emphasize research, others in the private sector.

Our graduates are listed below with the **year of degree** and **title of the PhD thesis**.

To see full versions of the theses, please use the link to the [library of the TiHo](#).

2019

Dr. rer. nat. Robin Kosch

Bioinformatical Meta-Analysis of High-Throughput Expression Data from Neuroinfection Research

Dr. rer. nat. Sabine Mayer-Lambertz

Role of C-type lectin receptors in bacterial recognition

João Gonçalo Tereno Monteiro, PhD

A C-type lectin receptor (CLR)-Fc fusion protein library as a toolbox to detect novel CLR ligands and the interplay of CLR/virus interactions

2018

Dr. rer. nat. Melissa Langer

Interactions of host defense peptides with innate immune cells: Unravelling molecular mechanisms of immune modulation and bacterial killing

Dr. rer. nat. Carina Schmühl

Mechanisms of niche adaption by *Yersinia*

Jie Tong, PhD

Co-infection of respiratory epithelial cells by respiratory viruses and streptococci

2017

Dr. rer. nat. Eugenia Faber

Interaction of intestinal food-borne bacterial pathogens with Toll-like receptor 5

Víctor González Motos, PhD

Discovery and characterization of a novel chemokine binding protein of varicella zoster virus that enhances chemokine activity

Dr. rer. nat. Tanja Krimmling

Analysis of porcine precision-cut tissue slices infected by porcine coronaviruses and swine influenza A virus

Ketema Abdissa Merga, PhD

Role of myeloid derived suppressor cells in mycobacterial infection

Dr. rer. nat. Helene Möllerherm

Innate immune defense against zoonotic bacterial infections at physiological oxygen conditions

David Mzinza, PhD

Induction of bronchus-associated lymphoid tissue by common zoonotic microorganisms, and establishment of a method for its quantification in whole lung lobes

Dr. rer. nat. Dennis Pägelow

A neonatal CNS infection model following nasal challenge with *Listeria monocytogenes*

2016

Dr. rer. nat. Stefanie Blodkamp

The effect of antimicrobial peptides to the innate host responses against zoonotic *Staphylococcus aureus*

Dr. rer. nat. Sebastian Felgner

Salmonella Typhimurium The "magic bullet" against cancer?

Zifeng Han, PhD

The role and interaction of gut microflora and local immune response in *Campylobacter jejuni* infection in chicken

Annette Julia Kaiser, PhD

Interaction of primary chicken intestinale epithelial cells with low pathogenic avian influenza virus and velogenic viscerotropic Newcastle disease virus

Dr. rer. nat. Anna Koczula

Metabolic adaptation of *Streptococcus suis* to different host environments

Dr. rer. nat. Anna Theresa Rüdiger

Analysis of viral and host factors influencing *Alphacoronavirus* life cycle in chiropteran and porcine cell lines

Nai-Huei Wu, PhD

Co-infection of porcine respiratory epithelial cells by influenza viruses and *Streptococcus suis*

[2015](#)

Nicole de Buhr

Interaction of *Streptococcus suis* with neutrophil extracellular traps (NETs)

Martina Hesse

Characterization of the binding properties of the Avian Coronavirus spike protein

Lea Heuer

CNS damage by *Toxocara* spp. in vivo and in vitro investigations on demyelination and cytotoxicity

Elisabeth Janecek

Migrationsverhalten von *Toxocara*-Larven und resultierende Transkriptregulation im Zuge der *Toxocara*-Infektion des paratenischen Wirtes

Sarah Leist

Analysis of the host response to influenza A virus infection in mouse genetic reference populations

Nathalie Zeitouni

The role of hypoxia in the epithelial cell response to *Yersinia enterocolitica*

[2014](#)

Krüger, Nadine

Interaction of bat-derived paramyxoviruses with chiropteran and non-chiropteran cells: Functional characterization of the African henipavirus and bat-derived mumps virus fusion and attachment glycoproteins

Neumann, Ariane

Neutrophil extracellular traps (NETs): Mechanisms of NET induction, bacterial NET degradation and host protection against bacterial degradation

Wendlandt, Sarah

Comparative molecular analysis of *Staphylococcus aureus* from intensive livestock farming with emphasis on LA-MRSA of poultry origin

Alumni: first employment after PhD

Malawi-Liverpool-Wellcome Trust Clinical Research Programme

Queen Elizabeth Central Hospital

Malawi, Central Africa

Inserm, Institute for viral and liver disease

University of Strasbourg

France

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