



## 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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