

Emanuel Heitlinger

Juniorprofessor

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Education

2008 – 2012 Doctoral studies, Karlsruhe Institute of Technology.

Dissertation: Divergence of an introduced population of the swimbladder-nematode *Anguillicola crassus* - a transcriptomic perspective.

Supervisors: Prof. Dr. Horst Taraschewski and Prof. Mark Blaxter.

2001 – 2008 Undergraduate studies in Biology, University of Karlsruhe.

Main subject: Zoology with focus on parasitology

Subsidiary subjects: Genetics, Botany

Employment

2014 – present **Juniorprofessor**, Humboldt University of Berlin, Institute for Biology, Department for Molecular Parasitology and Leibniz Institute for Zoo and Wildlife research.

2012 – 2014 **Postdoctoral researcher**, Humboldt University of Berlin, Institute for Biology, Department for Molecular Parasitology.

2008 – 2011 **Research assistant**, Karlsruhe Institute of Technology, Zoological Institute, Department for Parasitology and Ecology.

Research

Selected relevant publications (4 of 30 total)

Ankur Midha, Víctor Hugo Jarquín-Díaz, Friederike Ebner, Ulrike Löber, Rima Hayani, Arkadi Kundik, Alessio Cardilli, **Emanuel Heitlinger***, Sofia Kirke Forslund*, Susanne Hartmann* (2022) Guts within guts: the microbiome of the intestinal helminth parasite *Ascaris suum* is derived but distinct from its host. *Microbiome* 10(1):229. <https://doi.org/10.1186/s40168-022-01399-5> *shared corresponding authors

Parnika Mukherjee, Gaétan Burgio, **Emanuel Heitlinger** (2021) Dual RNA Sequencing Meta-analysis in *Plasmodium* Infection Identifies Host-Parasite Interactions. *MSystems* 6,2. <https://doi.org/10.1128/msystems.00>

Totta Ehret, Simone Spork, Christoph Dieterich, Richard Lucius and **Emanuel Heitlinger** (2017) Dual RNA-seq Reveals No Plastic Transcriptional Response Of The Coccidian Parasite *Eimeria falciformis* To Host Immune Defences. *BMC Genomics* 18, 686. <https://doi.org/10.1186/s12864-017-4095-6>

Emanuel Heitlinger, Simone Spork, Richard Lucius, and Christoph Dieterich. (2014) The Genome of *Eimeria falciformis* - Reduction and Specialization in a Single Host Apicomplexan Parasite. *BMC Genomics* 15,696. <https://doi.org/10.1186/1471-2164-15-696>

More information (click!)

GitHub, Google Scholar, ResearchGate, ORCID