



Publications of the FLI 2022

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Publications in peer-reviewed journals

Aaziz, R., K. Laroucau, F. Gobbo, D. Salvatore, C. Schnee, C. Terregino, C. Lupini, and A. Di Francesco. 2022. Occurrence of Chlamydiae in Corvids in Northeast Italy. *Animals* 12:1226.

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Habilitation treatises, Doctoral, PhD, Diploma, Master and Bachelor theses

Habilitations

Schulz, Katja (IfE): African swine fever in wild boar. Evaluation of its epidemiology, surveillance and control integrating participatory epidemiology (Universität Rostock)

Wareth, Gamal (IBIZ): Bacterial Zoonoses: Molecular Characterization of Antimicrobial Resistance and Pathogenicity from a One-Health Perspective (Friedrich-Schiller-Universität Jena)

Doctoral theses

Bannert, Erik (ITE): On the metabolism and toxicokinetics of deoxynivalenol and zearalenone in endotoxaemic pigs (Martin-Luther-Universität Halle-Wittenberg)

Bassis, Stefanie (IMP): Evaluierung der Säure-Basen-Homöostase während experimentell induzierter mykobakterieller Infektionen mit akutem und chronischem Verlauf bei Ziegen (Freie Universität Berlin)

Bünemann, Katharina (ITE): Effects of pre-calving body condition and postpartum concentrate feed proportions of the ration on performance, mobilization of adipose tissue depots, ruminal pH

parameters, microbial efficiency and animal health during the transition period in dairy cows (Martin-Luther Universität Halle-Wittenberg)

Ehrenberg, Sandra (IfI): Establishment of an ELISA and a lateral flow device for detection of European and American foulbrood including genotype-differentiation of the American foulbrood causing agent (ERIC I & ERIC II) in honey bees (Universität Greifswald)

Eisele (Stephan), Magalie (IfE): Epidemiologische Auswertung der BHV1-Bekämpfung in Milch- und Mutterkuhbetrieben in Nordrhein-Westfalen von 2010 bis 2015 (Freie Universität Berlin)

Friedrichs, Virginia (IfI): Immune responses of the Egyptian Rousette Bat - Deciphering the unique immunity of an important reservoir host for zoonotic viruses (Universität Greifswald)

Geibel, Johannes (ING): Arrays and beyond: Evaluation of marker technologies for chicken genomics (Georg-August-Universität Göttingen)

Gischke, Marcel (IMVZ): Genetic determinants for virulence and adaptation of avian influenza virus subtype H4N2 in chickens and subtype H10N7 in mammals (Universität Greifswald)

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Sick, Franziska (IVD): Shuni-Virus: Charakterisierung der neurologischen Erkrankung im Tiermodell und Entwicklung serologischer Tests (Ludwig-Maximilians-Universität München)

Söllner, Jenny-Helena (ING): An experimental approach of an in vivo pathogen genome targeting strategy to generate African swine fever resistant pigs (Tierärztliche Hochschule Hannover)

Sreekantapuram, Sravya (IMP): Host-pathogen interaction using the whole blood models (Friedrich-Schiller-Universität Jena)

Ulrich, Lorenz (IVD): Severe Acute Respiratory Syndrome Coronavirus 2: susceptibility, immunoprophylaxis, and variant characterization in animal models (Ludwig-Maximilians-Universität München)

PhD Theses

Lenk, Laura Johanna (ING): Generation of KCNJ5G151R/+ knock-in pigs as model for human primary aldosteronism using the CRISPR-Cas9 system (Tierärztliche Hochschule Hannover)

Diploma theses

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Master theses

Adade, Eugene (IITG): Characterization of oral and gastrointestinal bacteria and their antimicrobial susceptibility profile in non-human primate species from selected areas in Ghana (Kwame Nkrumah University of Science and Technology, Kumasi, Ghana)

Cardron, Garance (IfE): Microsatellite typing of *Toxoplasma gondii* isolates from Europe: harmonization through an interlaboratory comparison and its application to a large panel of European field samples to identify geographic relationships (Université Limoges)

Eshak, Mirette (IMVZ): Proteolytic activation of viral glycoproteins using trypsin-like enzymes (Friedrich-Schiller-Universität Jena)

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Mählmann, Bernhard (ITE): Untersuchungen zur Wirkung von Zearalenon-kontaminierten Zuckerrübenprodukten in der Sauenfütterung (Georg-August-Universität Göttingen)

Ojo, Michael (IITG): Review of Qualitative Risk Assessment for Highly Pathogenic Avian Influenza in Nigeria (Université de Tours)

Pioch, Jonathan (IfI): Multi-species transcriptome analysis of the monocyte and macrophage immune response against *Mycobacterium tuberculosis* (Universität Greifswald)

Rademacher, Maurice (IfE): Optimizing policies for epidemic control using reinforcement learning (Universität Greifswald)

Schröder, Arndt (ITE): Effekte steigender diätischer Kupferdosierungen auf Leistung, Gesundheit und Exkretion von der Ferkelaufzucht bis zur Anfangsmast (Martin-Luther-Universität Halle-Wittenberg)

Bachelor theses

Haider, Lea Celine (INNT): Assoziation von Puumala-Orthohantavirus-Stämmen mit evolutionären Linien der Rötelmaus (Universität Greifswald)

Hochheiser, Elisa Frederike (IMVZ): Establishing of a Reverse Genetic System for the low-pathogenic Influenza A virus strain CK/BE/1940/19 (H3N1) (Universität Greifswald)

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