



Publikationen des FLI 2022

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Redaktionsschluss: 06.02.2023

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² FLI Members HEV Sequencing Study Group: Eiden, M., and B. Boettcher

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Dissertationen

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)

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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 Mutterkuhhbetrieben in Nordrhein-Westfalen von 2010 bis 2015 (Freie Universität Berlin)

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

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

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Ostermann, Sven (IfI): Immunostimulatory potential of outer membrane vesicles derived from *Aeromonas salmonicida* - possible use in vaccines? (Universität Greifswald)

Pernat, Nadja (IMED): The citizen science project 'Mückenatlas': contributions of opportunistic data collection to mosquito research in Germany (Freie Universität Berlin)

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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, immunophylaxis, 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)

Diplomarbeiten

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Masterarbeiten

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)

Ghimire, Rabina (IITG): Comparative assessment in control and eradication of transboundary animal diseases: Rabies, Highly Pathogenic Avian Influenza, African Swine Fever, and Lumpy Skin Disease (Université de Tours)

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)

Bachelorarbeiten

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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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Jansson, Solveigh (IMED): Transovarielle Transmission von Sindbis-Virus bei *Aedes albopictus* und *Culex pipiens* (Universität Greifswald)

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Otto, Antonia (ITT): Tierbezogene Indikatoren für Tierwohlprobleme bei Zuchtebern (Humboldt-Universität zu Berlin)

Richter, Maximilian (IMVZ): Charakterisierung von Henipavirus Matrixprotein Interaktionen (Universität Greifswald)

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Schmidt, Katharina A. (IMVZ): Funktionale Charakterisierung der KP177R (p22) und I10L (p110L) Gene und Genprodukte des Afrikanischen Schweinepestvirus (ASPV) (Universität Greifswald)

Schnell, Marina (IMVZ): Ein einzelner Aminosäureaustausch in der Transmembrandomäne des Glykoprotein H kompensiert die Funktion des Glykoprotein L bei der Membranfusion im Pseudorabies Virus (Universität Greifswald)

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