



Publikationen des FLI 2012

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Dissertationen, PhD Theses, Diplom-, Master- und Bachelorarbeiten

Dissertationen

Aschemann, Martina (ITE): Effect of niacin on the efficiency of nitrogen utilisation in the rumen of dairy cows (Universität Bonn)

Ballke, Simone (IfI): Klinik und Pathologie von Scrapie im Mausmodell bei unterschiedlichen Inokulationsrouten (Justus-Liebig-Universität Gießen)

Braukmann, Maria (IMP): Wirt-Pathogen-Wechselwirkungen in Chlamydia psittaci- und Chlamydia abortus-infizierten Hühnerembryonen (Friedrich-Schiller-Universität Jena)

Fiegl, Dorothee (IfI): Intrazelluläre Mechanismen der MHC I Antigenpräsentation in Chlamydien-infizierten dendritischen Zellen (Eberhard-Karls-Universität Tübingen)

Franz, Martin (INNT): Vermehrung und Analyse des abnormalen Prion-Proteins mit Hilfe der Protein Misfolding Cyclic Amplification (Ernst-Moritz-Arndt-Universität Greifswald)

Freyse, Susanne (INNT): Studien zur Pathogenese und Charakterisierung Transmissibler Spongiformer Enzephalopathien der Ziege (Tierärztliche Hochschule Hannover)

Gabriel, Claudia (IVD): Classical and African Swine Fever in Domestic Pigs and European Wild Boar: Optimization of Control Strategies and Laboratory Diagnosis (Ludwig-Maximilians-Universität München)

Gehrke, Kira (IfI): Veränderungen der Expression von Neurofilamenten und des DISC1-Proteins im Gehirn nach neonataler Infektion von Lewis-Ratten mit dem Borna Disease Virus (Justus-Liebig-Universität Gießen)

Haridoss, Srividjameena (ING): Generation and characterization of porcine induced pluripotent stem cells (iPSCs) (Medizinische Hochschule Hannover)

Herrmann, Daland (IfE): Molecular typing of *Toxoplasma gondii* isolates from cats and humans in Germany (Humboldt-Universität zu Berlin)

Junge-Krämer, Sonja (ING): Charakterisierung der Interaktion porciner Spermien mit uterinen Epithelzellen und der hiermit verbundenen Genexpression hinsichtlich der Modulation einer erfolgreichen Insemination (Tierärztliche Hochschule Hannover)

Khan, lahtasham (IBIZ): Serodiagnosis of glanders with reference to endemic- and non-endemic settings (Freie Universität Berlin)

Lenzko, Hannah (IMP): Verbreitung von Chlamydien in thüringischen Schafbeständen (Justus-Liebig-Universität Gießen)

Pappritz, Julia (ITE): Investigations on the effects of graded levels of rumen protected conjugated linoleic acids on dairy cow performance, fatty acid profile of milk and rumen metabolism (Martin-Luther-Universität Halle-Wittenberg)

Pörtner, Sandy (IMB): Charakterisierung der Proteinkinase pUS3 des Pseudorabies Virus (Ernst-Moritz-Arndt-Universität Greifswald)

Ramp, Kristina (IMB): Rekombinante Newcastle Disease Viren für die Entwicklung von Markervakzinen - Möglichkeit der simultanten Impfung gegen die Newcastle Krankheit und die Aviäre Influenza (Ernst-Moritz-Arndt-Universität Greifswald)

Schmidt, Katja (INNT): Cellular factors modulating the entry efficiency of *West Nile virus* - Involvement of integrins (Tierärztliche Hochschule Hannover)

Schwarzlose, Inga (ITT): Kompostierung von Putenkadavern unter Seuchenbedingungen in Niedersachsen (Tierärztliche Hochschule Hannover)

von Soosten, Dirk (ITE): Investigations on the effect of conjugated linoleic acids on performance, body composition, body mass mobilization, energy utilization and fatty acid composition of different tissues in early lactation dairy cows (Martin-Luther-Universität Halle-Wittenberg)

Steinkamp, Karin (ITT): Untersuchungen zur Belastung von Schweinen bei langen Transporten (Georg-August-Universität Göttingen)

Vogel, Annette (IfI): Vergleichende Untersuchungen zur Pathogenese der H1N1v- und H5N1-Influenzavirusinfektion in Mäusen (Eberhard-Karls-Universität Tübingen)

Wernike, Kerstin (IVD): Establishment of a multiplex real-time PCR assay for the detection and differentiation of wild-type and glycoprotein E-deleted vaccine strains of bovine herpesvirus type 1 (Ludwig-Maximilians-Universität München)

PhD Theses

Feßler, Andrea T. (ING): Comparative molecular analysis of methicillin-resistant isolates of *Staphylococcus aureus* and coagulase-negative *Staphylococcus* spp. from cases of mastitis among dairy cattle (Tierärztliche Hochschule Hannover)

Hauschild-Quintern, Janet (ING): Targeted genetic modification of the porcine genome using zinc-finger nucleases (Tierärztliche Hochschule Hannover)

Schink, Anne-Kathrin (ING): Studies on the prevalence, distribution and organization of extended-spectrum β -lactamase genes and transferable (fluoro)quinolone resistance genes among Enterobacteriaceae from defined disease conditions of companion and farm animals (Tierärztliche Hochschule Hannover)

Diplomarbeiten

Drewes, Stephan (INNT): Wirtsassoziation von Hantaviren in Deutschland (Ernst-Moritz-Arndt-Universität Greifswald)

Jeske, Lisa (IMB/Leitung): Entwicklung effizienter Algorithmen zur Vorhersage von Primern für die Multiplex-PCR von Influenza-A-Viren (Ernst-Moritz-Arndt-Universität Greifswald)

Kunze, Michaela (INNT): Herstellung, Charakterisierung und Vergleich rekombinanter Nukleokapsidproteine unterschiedlicher Krim-Kongo-Hämorrhagisches-Fieber-Viren (Ernst-Moritz-Arndt-Universität Greifswald)

Paßvogel, Lars (IMB): Funktion des großen Tegumentproteins pUL36 und möglicher zellulärer und viraler Interaktionspartner im Replikationszyklus des Pseudorabies Virus (Ernst-Moritz-Arndt-Universität Greifswald)

Schröder, Jennifer (ITT): Liegeverhalten von Milchkühen nach Eingliederung in eine neue Gruppe: Auswertung automatisch erfasster Daten (Ernst-Moritz-Arndt-Universität Greifswald)

Schröter, Christina (IMB): Bedeutung essentieller Glykoproteine für die Membranfusion (Ernst-Moritz-Arndt-Universität Greifswald)

Masterarbeiten

Billerbeck, Carmen (ING): Organisation und Lokalisation von Resistenzgenen bei Methicillin-resistenten *Staphylococcus aureus* (MRSA)-Isolaten von Rindern und Geflügel aus dem GERM-Vet-Programm 2008 und 2009 (Beuth-Hochschule für Technik Berlin)

Deutsch, Falk (ITE): Einfluss des Konzentratfutters in Mehl- oder Krümelform auf die Futteraufnahme und Leistungsparameter von Milchkühen (Georg-August-Universität Göttingen)

Kasnitz, Nadine (IMP): Untersuchungen zur Stabilität spezifischer Zielsequenzen der Genotypisierung im Genom von *Mycobacterium avium* subsp. *paratuberculosis* nach Kultivierung und Passagierung (Friedrich-Schiller-Universität Jena)

Pohlmann, Eva (ITT): Pilotstudie zur Entwicklung eines elektronischen Frühwarnsystems für Schwanzbeißausbrüche beim Schwein (Christian-Albrechts-Universität Kiel)

Rubin, Konrad (IBIZ): Untersuchung eines DNA Arrays für die Identifizierung und Charakterisierung von *Clostridium botulinum* (Fachhochschule Anhalt)

Bachelorarbeiten

Eckroth, Elisa (IMB): Strukturbasierte Mutationsanalysen am essentiellen Hüllglykoprotein gH des Pseudorabies Virus (Ernst-Moritz-Arndt-Universität Greifswald)

Freund, Lisa (IBIZ): Untersuchung zur Tenazität von *Bacillus anthracis* in Frischkäse und Evaluierung ausgewählter Detektionsmethoden bei Kontamination (Fachhochschule Jena)

Hamel, Johannes (ITE): Vergleich der in sacco-Abbaubarkeit von Trockensubstanz und verschiedenen Faserfraktionen der Silagen zweier Maishybriden (*Zea mays* L., brown midrib und konventionell) bei Milchkühen (Hochschule Osnabrück)

Judel, Andreas (IMB): Rapide Klonierung von Influenzavirusgenen - Optimierung (Ernst-Moritz-Arndt-Universität Greifswald)

Karnebeck, Stefanie (IMB): Untersuchungen zur intrazellulären Lokalisation von Lyssavirus Matrixproteinen (Ernst-Moritz-Arndt-Universität Greifswald)

Rähse, André-Fabian (ITE): Charakterisierung immunologischer und zellbiologischer Parameter in Blutzellen von Milchkühen mit subklinischer Ketose (Fachhochschule Flensburg)

Schröter, Anna J. (IMB): Speziesspezifität der Zytoplasmadomäne von Lyssavirus Glykoproteinen (Ernst-Moritz-Arndt-Universität Greifswald)

Steiner, Annemarie (INNT): Vorkommen und Bedeutung Insektenfresser-assoziiierter Hantaviren in Deutschland (Ernst-Moritz-Arndt-Universität Greifswald)

Trübe, Patricia (IMB): Bedeutung des RQR Motivs für die Lokalisierung und Funktion des Pseudorabies Virus pUL34 (Ernst-Moritz-Arndt-Universität Greifswald)

Wollny, Theres (INNT): Insektenfresser-assoziierte Hantaviren in Deutschland (Fachhochschule Lausitz, Senftenberg)

Zumpe, Maxi (INNT): Molekularbiologische und serologische Untersuchungen zum Vorkommen des Ratten-Hepatitis E-Virus (Ernst-Moritz-Arndt-Universität Greifswald)