



## Publikationen des FLI 2012

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- Abbas, T., H. Wilking, D. Höreth-Böntgen, and F.J. Conraths.** 2012. Contact structure and potential risk factors for avian influenza transmission among open-sided chicken farms in Kamalia, an important poultry rearing area of Pakistan. *Berl Münch Tierärztl Wschr* **125**:110-116.
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## Habilitationen, Dissertationen, PhD Theses, Diplom-, Master- und Bachelorarbeiten

### Habilitationen

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## 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)

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**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  $\beta$ -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)

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**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)

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