



Publications of the FLI 2010

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Publications in peer-reviewed journals

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

Habilitations

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Doctoral theses

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Salam, Hala (IBIZ): Studies on the bacterial causes of bovine mastitis with special references to *Mycoplasma* spp. (Beni Suef University, Ägypten)

Sattler, Stephanie (IMP): Untersuchungen zur Klinik, Pathologie und Pathogenese der experimentellen *Brachyspira-hydysenteriae*-Infektion beim Schwein (Tierärztliche Hochschule Hannover)

Schürmann, Eva-Maria (IfI): Viren der Bovinen Virusdiarrhoe und der Klassischen Schweinepest - Einfluss von Mutationen auf Persistenzentwicklung, Virulenz und Induktion einer Interferonantwort (Justus-Liebig-Universität Gießen)

Sutor, Astrid (IfE): The ecology of the raccoon dog (*Nyctereutes procyonoides*, Gray 1834) - an invasive canid in Germany (Universität Freiburg)

Velazquez, Miguel (ING): The influence of insulin-like growth factor 1 on in vivo oocyte developmental competence and in vitro preimplantation embryo development in cattle (Stiftung Tierärztliche Hochschule Hannover)

von Czapiewski, Ellen (ING): Bestimmung der minimalen Hemmkonzentration gegenüber antimikrobiellen Wirkstoffen mit dem Verfahren der Bouillon-Mikrodilution bei pathogenen Bakterien von Fischen und molekulare Charakterisierung von Resistenzgenen (Stiftung Tierärztliche Hochschule Hannover)

PhD Theses

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Diploma theses

Brezina, Ulrike (ITE): Entwicklung einer Probenaufbereitungsmethode zur Bestimmung von T-2 Toxin und Metaboliten im Blutplasma mit LC-MS/MS (Universität Halle)

Genz, Berit (IMB): Molekularbiologische Analyse genotyp-spezifischer Glykoprotein-Funktionen in der Lyssavirus Replikation und Pathogenese (Ernst-Moritz-Arndt-Universität Greifswald)

Propp, Tanja (IMB): Molekularbiologisches „Live imaging“ der Lyssavirus Replikation: Vergleich der intrazellulären Lokalisation von viralen Strukturen in verschiedenen Zellkultursystemen mit Hilfe von fluoreszenzmarkierten Virusproteinen (Ernst-Moritz-Arndt-Universität Greifswald)

Schörg, Alexandra (IfI): Mechanismus der antiviralen Wirkung heterozyklischer Substanzen bei der Influenzavirus Replikation (Universität Hohenheim)

Sieg, Michael (IBIZ): Identifizierung und Charakterisierung von Cholesterin-abhängigen Cytolysinen bei human- und tiermedizinisch relevanten Clostridien-Spezies (Friedrich-Schiller-Universität Jena)

Truar, Anne Helene (ITT): Adaptation der Methodik der Risikobewertung an den Tierschutz bei landwirtschaftlichen Nutztieren am Beispiel des Tiertransports (Universität Hohenheim)

Warlich, Sandra (IMB): Untersuchung des Einflusses der Oberflächenproteine des Paramyxovirus-1 der Taube auf die Pathogenität des Newcastle Disease Virus (Ernst-Moritz-Arndt-Universität Greifswald)

Widera, Nadja (IMP): Gewinnung, Charakterisierung und Nachweis der biologischen Wirksamkeit von Glykolipiden der Zellwand verschiedener Mykobakterien-Spezies (Hochschule Darmstadt)

Yoo, Young Eun (IfI): Immunmodulatorische Rolle des zellulären Prion-Proteins bei der antiviralen Immunantwort (Eberhard-Karls-Universität Tübingen)

Master theses

Appelt, Beate (IMP): Analyse der Genexpression von caprinen Zytokinen mit Hilfe der *real-time* PCR (Friedrich-Schiller-Universität Jena)

Bauer, Anja (IMB): Analyse früher Stadien während der Infektion von Zellkulturen mit dem Virus der afrikanischen Schweinepest (Universität Rostock)

Bergmann, Annabel (ING): Einfluss von verschiedenen Lagertemperaturen und Natirumfluorid auf die Lagerungsqualität von gesextem Bullensperma (Georg-August-Universität, Göttingen)

Esser, Annette (ITT): Prävalenz von Pododermatitis und Tierleistungen in Abhängigkeit von Besatzdichte und Nutzung eines Außenklimabereiches in der Mast von Puten (Georg-August-Universität, Göttingen)

Bachelor theses

Aleksic, Denis (If): Die Immunrezeptoren der equinen Karzinoembryonalen Antigen-Familie (Hochschule Furtwangen)

Billerbeck, Carmen (ING): Vergleich verschiedener phäno- und genotypischer Methoden zur Bestimmung der Methicillinresistenz bei koagulasenegativen Staphylokokken aus Fällen boviner Mastitis (Hochschule Furtwangen)

Dreier, Carola Christiane Catharina (If): Untersuchungen zur Wirkungsweise von anti-Influenza wirksamen heterozyklischen Substanzen (Hochschule Furtwangen)

Kling, Stefanie (IMP): Untersuchungen zur antiviralen Wirkung kleiner heterozyklischer Substanzen und zur Resistenzbildung des Influenzavirus gegen diese Substanzen (Hochschule Furtwangen)

Lacroix, Pia (IfI): Untersuchungen zur Herstellung von kreuzprotektiven Hämagglutinin-spezifischen monoklonalen Antikörpern gegen Influenza A Viren nach mRNA Vakzinierung (Fachhochschule Saarbrücken)

Mühlenkamp, Melanie (If): Fremdgen Expression in neuen Orf-Virusrekombinanten (Hochschule Furtwangen)

Rehage, Rebecca (ITE): Vergleich von pH-Wert und Temperaturen zwischen ventralem und dorsalem Pansensack von Milchkühen unter Verwendung moderner RFID-Technik bei variierenden Kraftfutteranteilen (Universität Göttingen)