



## Publikationen des FLI 2005

### Inhaltsverzeichnis

Veröffentlichungen in referierten Zeitschriften .....	2
Veröffentlichungen in nicht referierten Zeitschriften/Conference Proceedings .....	8
Buchbeiträge .....	12
Habilitationen, Dissertationen, PhD Theses, Diplom-, Master- und Bachelorarbeiten .....	12
Habilitationen .....	12
Dissertationen .....	13
PhD Theses .....	13
Diplomarbeiten .....	13
Masterarbeiten .....	13
Bachelorarbeiten .....	13

## Veröffentlichungen in referierten Zeitschriften

- Alonso, M.C., I. Cano, E. Garcia-Rosado, D. Castro, J. Lamas, J.L. Barja, S.M. Bergmann, and J.J. Borrego.** 2005. Isolation of lymphocystis disease virus from sole, *senegalensis* Kaup, and blackspot sea bream, *Pagellus Solea bogaraveo* (Brünnich). *J Fish Dis* **28**:221-228.
- Ankermann, T., A. Reisner, T. Wiemann, M. Krambs, H. Köhler, and M.F. Krause.** 2005. Topical inhibition of nuclear factor-[kappa]B enhances reduction in lung edema by surfactant in a piglet model of airway lavage. *Crit Care Med* **33**:1384-1391.
- Ankermann, T., T. Wiemann, A. Reisner, M. Orlowska-Volk, H. Köhler, and M.F. Krause.** 2005. Topical interleukin-8 antibody attracts leukocytes in a piglet lavage model. *Int Care Med* **31**:272-280.
- Azuma, T., J.M. Dijkstra, I. Kiryu, T. Sekiguchi, Y. Terada, K. Asahina, U. Fischer, and M. Ototake.** 2005. Growth and behavioral traits in Donaldson Rainbow Trout (*Oncorhynchus mykiss*) cosegregate with classical major histocompatibility complex (MHC) Class I genotype. *Behav. Gen.* **35**:463-478.
- Bashiruddin, J.B., J. Frey, M.H. Königsson, K.E. Johansson, H. Hotzel, R. Diller, P. de Santis, A. Botelho, R.D. Ayling, R.A. Nicholas, F. Thiaucourt, and K. Sachse.** 2005. Evaluation of PCR systems for the identification and differentiation of *Mycoplasma agalactiae* and *Mycoplasma bovis*: A collaborative trial. *Vet J* **169**:268-275.
- Beier, D., R. Lohse, and A. Bothur.** 2005. Neue Wege zur effektiveren Tierseuchenbekämpfung durch Bündelung der Diagnostik am Beispiel der enzootischen Rinderleukose (ERL). *Tierärztl Umschau* **60**:675-679.
- Borel, N., K. Sachse, A. Raßbach, L. Bruckner, E. Vretou, E. Psarrou, and A. Pospischil.** 2005. Ovine enzootic abortion (OEA): antibody response in vaccinated sheep compared to naturally infected sheep. *Vet. Res. Commun.* **29** [Suppl. 1]:151-156.
- Bourteele, S., K. Oesterle, S. Pleschka, G. Unterstab, C. Ehrhardt, T. Wolff, S. Ludwig, and O. Planz.** 2005. Constitutive activation of the transcription factor NF-κB results in impaired Borna Disease virus replication. *J Virol* **79**:6043-6051.
- Buschmann, A., and M.H. Groschup.** 2005. Highly bovine spongiform encephalopathy-sensitive transgenic mice confirm the essential restriction of infectivity to the nervous system in clinically diseased cattle. *J Infect Dis* **182**:934-942.
- Buschmann, A., and M.H. Groschup.** 2005. TSE eradication in small ruminants - quo vadis? *Berl Münch Tierärztl Wschr* **118**:365-370.
- Byrne, W., B. Markey, R. McCormack, J. Egan, H. Ball, and K. Sachse.** 2005. Persistence of *Mycoplasma bovis* infection in the mammary glands of lactating cows inoculated experimentally. *Vet Rec* **156**:767-771.
- Ceppi, M., M.G.M. de Bruin, T. Seuberlich, C. Balmelli, S. Pascolo, N. Ruggli, D. Wienhold, J.D. Tratschin, K.C. McCullough, and A. Summerfield.** 2005. Identification of classical swine fever virus protein E2 as a target for cytotoxic T cells by using mRNA-transfected antigen-presenting cells. *J Gen Virol* **86**:2525-2534.
- Conraths, F., O. Werner, U. Methner, L. Geue, F. Schulze, I. Hänel, K. Sachse, H. Hotzel, E. Schubert, F. Melzer, and T.C. Mettenleiter.** 2005. Konventionelle und alternative Haltungssysteme für Geflügel - Infektionsmedizinische Gesichtspunkte. *Berl Münch Tierärztl Wschr* **118**:186-204.
- Conraths, F.J., H. Köhler, O. Werner, M. Beer, K. Depner, L. Geue, V. Kaden, C. Staubach, C. Pötzsch, G. Schares, and T.C. Mettenleiter.** 2005. The „Friedrich-Loeffler-Institut“: past, present and future of research in infectious diseases of animals. *Berl Münch Tierärztl Wschr* **118**:354-364.

**Eisinger, D., H.H. Thulke, T. Selhorst, and T. Müller.** 2005. Emergency vaccination of rabies under limited resources - combating or containing? *BMC Infect Dis* **5**:10.

**Elschner, M., H. Hotzel, J. Reetz, R. Diller, and P. Otto.** 2005. Isolation, identification and characterization of group A rotavirus from a chicken: the inner capsid protein sequence shows only a distant phylogenetic relationship to most other avian group A rotaviruses. *J Vet Med B* **52**:211-213.

**Elschner, M., C. Schrader, H. Hotzel, J. Prudlo, K. Sachse, W. Eichhorn, W. Herbst, and P. Otto.** 2005. Isolation and molecular characterisation of equine rotaviruses from Germany. *Vet Microbiol* **105**:123-129.

**Encke, J., J. Findeklee, J. Geib, E. Pfaff, and W. Stremmel.** 2005. Prophylactic and therapeutic vaccination with dendritic cells against hepatitis C virus infection. *Clin Exper Immunol* **142**:362-369.

**Enzmann, P.J., G. Kurath, D. Fichtner, and S. Bergmann.** 2005. Infectious hematopoietic necrosis virus: monophyletic origin of European isolates from North American Genogroup M. *Dis Aquat Org* **66**:187-195.

**von Felbert, I., W. Dreschel, and J.P. Teifke.** 2005. Regression eines infraorbitalen equinen Sarkoids nach Behandlung mit einem Präparat aus *Sanguinaria canadensis* - Ein Fallbericht. *Prakt Tierarzt* **86**:330-334.

**Fereidouni, S.R., M. Aghakhan, O. Werner, E. Starick, and M.H. Bozorghmehrifard.** 2005. Isolation and identification of avian influenza viruses from migratory birds in Iran. *Vet Rec* **157**:526.

**Fernandez Garcia, A., Ph. Heindl, H. Voigt, M. Büttner, P. Butz, N. Tauber, B. Tauscher, and E. Pfaff.** 2005. Dual nature of the infectious prion protein revealed by high pressure. *J Biol Chem* **280**:9842-9847.

**Fetzer, C., B.A. Tews, and G. Meyers.** 2005. The carboxy-terminal sequence of the pestivirus glycoprotein E<sup>rns</sup> represents an unusual type of membrane anchor. *J Virol* **79**:11901-11913.

**Fischer, U., J.M. Dijkstra, B. Köllner, I. Kiryu, E.O. Koppang, I. Hordvik, Y. Sawamoto, and M. Ototake.** 2005. The <sup>ontogeny</sup> of MHC class I expression in rainbow trout (*Oncorhynchus mykiss*). *Fish & Shellfish Immunol* **18**:49-60.

**Fuchs, W., H. Granzow, R. Klopffleisch, B.G. Klupp, D. Rosenkranz, and T.C. Mettenleiter.** 2005. The UL7 gene of pseudorabies virus encodes a nonessential structural protein which is involved in virion formation and egress. *J Virol* **79**:11291-11299.

**Fuchs, W., and T.C. Mettenleiter.** 2005. The nonessential UL49.5 gene of infectious laryngotracheitis virus encodes an O-glycosylated protein which forms a complex with the non-glycosylated UL10 gene product. *Virus Res* **112**:108-114.

**Fuchs, W., D. Wiesner, J. Veits, J.P. Teifke, and T.C. Mettenleiter.** 2005. *In vitro* and *in vivo* relevance of infectious laryngotracheitis virus gJ proteins that are expressed from spliced and nonspliced mRNAs. *J Virol* **79**:705-716.

**Gabriel, G., B. Dauber, T. Wolff, O. Planz, H.-D. Klenk, and J. Stech.** 2005. The viral polymerase mediates adaptation of an avian influenza virus to a mammalian host. *Proc Natl Acad Sci USA* **102**:18590-18595.

**Gaede, W., R. Reiting, H. Schirrmeyer, K. Depner, and M. Beer.** 2005. Nachweis und Spezies-spezifische Differenzierung von Pestiviren mit der real-time RT-PCR. *Berl Münch Tierärztl Wschr* **118**:113-120.

**Geldmacher, A., D. Skrastina, G. Borisova, I. Petrovskis, D.H. Krüger, P. Pumpens, and R. Ulrich.** 2005. A hantavirus nucleocapsid protein segment exposed on hepatitis B virus core particles is highly

immunogenic in mice when applied without adjuvants or in the presence of pre-existing anti-core antibodies. *Vaccine* **23**:3973-3983.

**Geue, L., H. Köhler, and F.J. Conraths.** 2005. Epidemiologie, Diagnostik und Bekämpfung der Paratuberkulose. *Tierärztl Umschau* **60**:492-497.

**Granzow, H., B.G. Klupp, and T.C. Mettenleiter.** 2005. Entry of pseudorabies virus: an immunogold-labelling study. *J Virol* **79**:3200-3205.

**Gretzschel, A., A. Buschmann, M. Eiden, U. Ziegler, G. Lühken, G. Erhard, and M.H. Groschup.** 2005. Strain typing of German TSE Field Cases in Small Ruminants by Biochemical Methods. *J Vet Med B* **52**:55-63.

**Hammer, M., R. Klopffleisch, J.P. Teifke, and C.V. Löhr.** 2005. Cavernous or capillary haemangioma in two unrelated guinea pigs. *Vet Rec* **157**:352-353.

**Hausmann, J., K. Baur, K.R. Engelhardt, T. Fischer, H.-J. Rziha, and P. Staeheli.** 2005. Vaccine-induced protection against Borna disease in wild-type and perforin-deficient mice. *J Gen Virol* **86**:399-403.

**Hausmann, J., A. Pagenstecher, K. Baur, K. Richter, H.-J. Rziha, and P. Staeheli.** 2005. CD8 T cells require gamma interferon to clear Borna disease virus from the brain and prevent immune system-mediated neuronal damage. *J Virol* **79**:13509-13518.

**Heindl, P., A. Fernandez Garcia, M. Büttner, H. Voigt, P. Butz, B. Tauscher, and E. Pfaff.** 2005. Some physico-chemical parameters that influence proteinase K resistance and the infectivity of PrPSc after high pressure treatment. *Braz J Med Biol Res* **38**:1223-1231.

**Henkel, M., O. Planz, T. Fischer, L. Stitz, and H.J. Rziha.** 2005. Prevention of Virus Persistence and Protection against Immunopathology after Borna Disease Virus Infection of the Brain by a Novel Orf Virus Recombinant. *J Virol* **79**:314-325.

**Henning, K., K. Sachse, P. Kirschen, J. Böhmer, K. Strutzberg-Minder, and E. Grossmann.** 2005. Enzyme-Linked Immunosorbent Assay (ELISA) zum Nachweis von Chlamydien-Antikörpern in Seren vom Schwein. *Berl Münch Tierärztl Wschr* **118**:1-7.

**Henning, K., and H. Sager.** 2005. Zur Diagnostik der Trichomonaden-Seuche des Rindes. *Tierärztl Umschau* **60**: 349-351.

**Hoeger, B., B. Hitzfeld, B. Köllner, D.R. Dietrich, and M.R. van den Heuvel.** 2005. Sex and low-level sampling stress modify the impacts of sewage effluent on the rainbow trout (*Oncorhynchus mykiss*) immune system. *Aquat Toxicol* **73**:79-90.

**Hoeger, B., B. Köllner, D.R. Dietrich, and B. Hitzfeld.** 2005. Water-born diclofenac affects kidney and gill integrity and selected immune parameters in brown trout (*Salmo trutta f. fario*). *Aquat Toxicol* **75**:53-64.

**Hoffmann, B., M. Beer, C. Schelp, H. Schirrmeier, and K. Depner.** 2005. Validation of a real-time RT-PCR assay for sensitive and specific detection of classical swine fever. *J Virol Methods* **130**:36-44.

**Hoffmann, B., M. Beer, H. Schütze, and T. C. Mettenleiter.** 2005. Fish Rhabdoviruses: Molecular Epidemiology and Evolution (Review). *Curr Top Microbiol Immunol* **292**:81-117.

**Horvath, I., J. Hunt, P.J. Barnes, K. Alving, A. Antczak, E. Baraldi, G. Becher, W.J. van Beurden, M. Corradi, R. Dekhuijzen, R.A. Dweik, T. Dwyer, R. Effros, S. Erzurum, B. Gaston, C. Gessner, A. Greening, L.P. Ho, J. Hohlfeld, Q. Jobsis, D. Laskowski, S. Loukides, D. Marlin, P. Montuschi, A.C. Olin, A.E. Redington, P. Reinhold, E.L. van Rensen, I. Rubinstein, P. Silkoff, K. Toren, G. Vass, C. Vogelver, and H. Wirtz; ATS/ERS Task Force on Exhaled Breath Condensate.** 2005. Exhaled breath condensate: methodological recommendations and unresolved questions. *Europ Resp J* **26**:523-548.

**Hotzel, H., S. Blahak, R. Diller, and K. Sachse.** 2005. Evidence of infection in Tortoises by Chlamydia-like organisms that are genetically distinct from known chlamydiaceae species. *Vet Res Commun* **29** [Suppl. 1]:71-80.

**Höhle, C., A. Karger, P. König, K. Giesow, and G.M. Keil.** 2005. High-level expression of biologically active bovine alpha interferon by bovine herpesvirus 1 interferes only marginally with recombinant virus replication in vitro. *J Gen Virol* **86**:2685-2695.

**van Immerseel, F., U. Methner, I. Rychlik, B. Nagy, P. Velge, G. Martin, N. Foster, R. Ducatelle, and P.A. Barrow.** 2005. Vaccination and early protection against non-host-specific *Salmonella* serotypes in poultry: exploitation of innate immunity and microbial activity. *Epidemiol Infect* **133**:959-978.

**Jenkins, M.C., R. Fetterer, G. Schares, C. Björkman, W. Wapenaar, M. McAllister, and J.P. Dubey.** 2005. HPLC purification of recombinant NcGRA6 antigen improves enzyme-linked immunosorbent assay for serodiagnosis of bovine neosporosis. *Vet Parasitol* **131**:227-234.

**Jesenska, A., M. Pavlova, M. Strouhal, R. Chaloupkova, I. Tesinska, M. Monincova, Z. Prokop, M. Bartos, I. Pavlik, I. Rychlik, P. Möbius, Y. Nagata, and J. Damborsky.** 2005. Cloning, biochemical properties, and distribution of mycobacterial haloalkane dehalogenases. *Appl Environ Microbiol* **71**:6736-6745.

**Kaden, V., I. Hänel, C. Renner, and K. Gossger.** 2005. Oral immunisation of wild boar against classical swine fever in Baden-Württemberg: development of the seroprevalence based on the hunting bag. *Eur J Wildl Res* **51**:101-107.

**Kaden, V., H. Steyer, J. Schnabel, and C. Bruer.** 2005. Classical swine fever (CSF) in wild boar: the role of the transplacental infection in the perpetuation of CSF. *J Vet Med B* **52**:161-164.

**Keil, G., C. Höhle, K. Giesow, and P. König.** 2005. Engineering Glycoprotein B of Bovine Herpesvirus 1 to Function as Transporter for Secreted Proteins: a New Protein Expression Approach. *J Virol* **79**:791-799.

**Klempa, B., M. Stanko, M. Labuda, R. Ulrich, H. Meisel, and D.H. Krüger.** 2005. Central European Dobrava hantavirus isolate from striped field mouse, *Apodemus agrarius*. *J Clin Microbiol* **43**:2756-2763.

**Klopfleisch, R., C.A. Müller, U. Polster, J.P. Hildebrandt, and J.P. Teifke.** 2005. Granulomatous inflammation of salt glands in ducklings (*Anas platyrhynchos*) associated with intralesional Gram-negative bacteria. *Avian Pathol* **34**:233-237.

**Klupp, B.G., J. Altenschmidt, H. Granzow, W. Fuchs, and T.C. Mettenleiter.** 2005. Identification and characterization of the pseudorabies virus UL43 protein. *Virology* **334**:224-233.

**Klupp, B., S. Böttcher, H. Granzow, M. Kopp, and T.C. Mettenleiter.** 2005. Complex formation between the UL16 and UL21 tegument proteins of pseudorabies virus. *J Virol* **79**:1510-1522.

**Klupp, B.G., H. Granzow, A. Karger, and T.C. Mettenleiter.** 2005. Identification, subviral localization and functional characterization of the pseudorabies virus UL17 protein. *J Virol* **79**:13442-13453.

**Klupp, B., H. Granzow, R. Klopfleisch, W. Fuchs, M. Kopp, M. Lenk, and T.C. Mettenleiter.** 2005. Functional Analysis of the Pseudorabies Virus UL51 Protein. *J Virol* **79**:3831-3840.

**Köhler, H., F. Conraths, and L. Geue.** 2005. Epidemiologie, Diagnostik und Bekämpfung der Paratuberkulose. *Tierärztl Umschau* **60**:492-497.

**Koppers-Lalic, D., E. Reits, M. Ressing, A. Lipinska, R. Abele, J. Koch, M. Rezende, P. Admiraal, D. van Leeuwen, K. Bienkowska-Szewczyk, T.C. Mettenleiter, F. Rijsewijk, R. Tampe, J. Neefjes, and E. Wiertz.** 2005. Varicelloviruses avoid T cell recognition by UL49.5-mediated inactivation of the transporter associated with antigen processing. *Proc Natl Acad Sci USA* **102**:5144-5149.

- Kraus, A.A., C. Priemer, H. Heider, D.H. Krüger, and R. Ulrich.** 2005. Inactivation of Hantaan Virus-containing samples for subsequent investigations outside biosafety level 3 facilities. *Intervirology* **48**:255-261.
- Krause, M.F., T. Wiemann, A. Reisner, M. Orlowska-Volk, H. Köhler, and T. Ankermann.** 2005. Surfactant reduces extravascular lung water and invasion of polymorphonuclear leukocytes into the lung in a piglet model of airway lavage. *Pulmon Pharmacol Therapeut* **18**:129-139.
- Krout, K., T.C. Mettenleiter, V. Karpitskiy, X. van Nguyen, and A. Loewy.** 2005. CNS neurons with links to both mood-related cortex and sympathetic nervous system. *Brain Res* **1050**:199-202.
- Laturnus, C., J. Jones, I. Moser, P. Schwerk, and L. Wieler.** 2005. Long-term clonal lineages within *Campylobacter jejuni* O: 2 strains from different geographical regions and hosts. *Int J Med Microbiol* **294**:521-524.
- Lawnick, U., P. Reinhold, and K. Doll.** 2005. Therapeutischer Effekt einer Inhalation mit hypertoner Kochsalzlösung bei Kälbern mit Bronchopneumonie. (The therapeutic effect of inhalation of hypertonic saline solution in calves with bronchopneumonia). *Tierärztl Prax* **33**:373-382.
- Löhr, C., C. Juan-Salles, A. Rosas-Rosas, A.P. Garcia, M.M. Garner, and J.P. Teifke.** 2005. Sarcoids in captive zebras (*Equus burchellii*): association with bovine papilloma virus type 1 infection. *J Zoo Wildl Med.* **36**:74-81.
- Methner, U.** 2005. Situation of bovine salmonellosis in Germany from 1995-2003 according to the data from the National Animal Disease Reporting System. *Berl Münch Tierärztl Wschr* **118**:449-455.
- Monti, G.E., R. Schrijver, and D. Beier.** 2005. Genetic diversity and spread of Bovine Leukemia virus isolates in Argentine dairy cattle. *Arch Virol* **150**:443-458.
- Müller, T., J. Teuffert, C. Staubach, T. Selhorst, and K.R. Depner.** 2005. Long-term studies on maternal immunity for Aujeszky's disease and classical swine fever in wild boar piglets. *J Vet Med B* **52**:432-436.
- Novoa, R.R., G. Calderita, R. Arranz, J. Fontana, H. Granzow, and C. Risco.** 2005. Virus factories. - Associations of cell organelles for viral replication and morphogenesis. *Biol Cell* **97**:147-172.
- Nunziante, M., C. Kehler, E. Maas, M.U. Kassack, M. Groschup, and H.M. Schätzl.** 2005. Charged bipolar suramin derivatives induce aggregation of the prion protein at the cell surface and inhibit PrP<sup>Sc</sup> replication. *J Cell Sci* **118**:4959-4973.
- Prodinger, W.M., A. Brandstätter, L. Naumann, M. Pacciarini, T. Kubica, M.L. Boschioli, A. Aranaz, G. Nagy, Z. Cvetnic, M. Ocepek, A. Skrypnyk, W. Erler, S. Niemann, I. Pavlik, and I. Moser.** 2005. Characterization of *Mycobacterium caprae* isolates from Europe by mycobacterial interspersed repetitive unit genotyping. *J Clin Microbiol* **43**:4984-4992.
- Reinhold, P., and P. Höchel.** 2005. Pathophysiologische Reaktionen des pulmonalen Kreislaufsystems auf Atemwegs- und Lungenerkrankungen. *Berl Münch Tierärztl Wschr* **118**:52-66.
- Reinhold, P., J. Jaeger, F. Melzer, and K. Sachse.** 2005. Evaluation of lung function in pigs either experimentally or naturally infected with chlamydiaceae. *Vet Res Comm* **29** [Suppl. 1]:125-150.
- Roth, B., R. Keleukou, A. Ike, R. Marschang, R. Boehm, A. Pfitzner, S. Omilabu, and M. Elschner.** 2005. A new emerging human rotavirus is circulating in Nigeria causing severe diarrhea. *Emirates Med J* **23** [Suppl. 1]:1.
- Saalmüller, A., J.K. Lunney, C. Daubenberger, W. Davis, U. Fischer, T.W. Göbel, P. Griebel, E. Hollemweguer, T. Lasco, R. Meister, H.-J. Schuberth, K. Sestak, P. Sopp, F. Steinbach, W. Xiao-Wie, and B. Aasted.** 2005. Summary of the animal homologue section of HLDA8. *Cell Immunol* **236**:51-58.

- Sachse, K., H. Hotzel, P. Slickers, T. Ellinger, and R. Ehricht.** 2005. DNA microarray-based detection and identification of *Chlamydia* and *Chlamydophila* spp. *Mol Cell Probes* **41**:41-50.
- Sandmann, S., H. Meisel, A. Razanskiene, A. Wolbert, B. Pohl, D.H. Krüger, K. Sasnauskas, and R. Ulrich.** 2005. Detection of human hantavirus infections in Lithuania. *Infection* **36**:66-72.
- Schares, G., A. Bärwald, and F. Conraths.** 2005. Adaption of a surface antigen-based ELISA for the detection of antibodies against *Neospora caninum* in bovine milk. *J Vet Med B* **52**:45-48.
- Schares, G., N. Pantchev, D. Barutzki, A.O. Heydorn, C. Bauer, and F.J. Conraths.** 2005. Oocysts of *Neospora caninum*, *Hammondia heydorni*, *Toxoplasma gondii* and *Hammondia hammondii* in faeces collected from dogs in Germany. *Int J Parasitol* **35**:1525-1537.
- Schmidt, J., B. Jandrig, B. Klempa, K. Yoshimatsu, J. Arikawa, H. Meisel, M. Niedrig, C. Pitra, D.H. Krüger, and R. Ulrich.** 2005. Nucleocapsid protein of cell culture-adapted Seoul virus strain 80-39: Analysis of its encoding sequence, expression in yeast and immunoreactivity. *Virus Genes* **30**:37-48.
- Schmidt, J., H. Meisel, B. Hjelle, D.H. Krüger, and R. Ulrich.** 2005. Development and evaluation of serological assays for detection of human hantavirus infections caused by Sin Nombre virus. *J Clin Virol* **33**:247-253.
- Schwardt, M., D. Mayer, R. Frank, U. Schneider, M. Eickmann, O. Planz, Th. Wolff, and M. Schwemmle.** 2005. The negative regulator of Borna disease virus polymerase is a non-structural protein. *J Gen Virol* **86**:3163-3169.
- Selhorst, T., T. Müller, H.P. Schwermer, M. Ziller, and H. Schlüter.** 2005. Use of an Area Index to retrospectively analyze the elimination of fox rabies in European Countries. *Envir Manag* **35**:292-302.
- Starick, E., O. Werner, and V. Kaden.** 2005. Labordiagnose der Aviären Influenza mittels reverser Transkription (RT)-PCR. *Berl Münch Tierärztl Wschr* **118**:290-295.
- Süss, J.** 2005. Zunehmende Verbreitung der Frühsommer-Meningoenzephalitis in Europa. *Dtsch Med Wochenschr* **130**:1397-1400.
- Süss, J.** Tick-borne human pathogenic microorganisms found in Europe. *Phytophaga* **14**:625-642.
- Szeredi, L., H. Hotzel, and K. Sachse.** 2005. High prevalence of Chlamydial (*Chlamydophila psittaci*) infection in fetal membranes of aborted equine fetuses. *Vet Res Comm* **29**:37-49.
- Teifke, J.P., E. Lange, R. Klopffleisch, and V. Kaden.** 2005. Nictitating membrane as a potentially useful postmortem diagnostic specimen for classical swine fever. *J Vet Diagn Invest* **17**:341-345.
- Teifke, J.P., C.V. Löhr, and C. Langner.** 2005. TP53 expressing squamous cell carcinoma of the tonsil in a captive polar wolf (*Canis lupus arctos*). *J Zoo Wildl Med* **36**:538-542.
- Teuffert, J., T. Müller, M. Ziller, and T. Selhorst.** 2005. Vorschlag zur Änderung der Stichprobenuntersuchung bezüglich der Kontrolle zur Aufrechterhaltung der Freiheit von der Aujeszkyschen Krankheit (AK). *Dtsch Tierärztl Wschr* **112**:286-294.
- Teuffert, J., C. Pötzsch, and K. Kroschewski.** 2005. Stand und Entwicklung der Bovinen Herpesvirus-Typ-1-Sanierung auf Bundes- und Länderebene. *Tierärztl Umschau* **60**:469-479.
- Thebault, A., S. Bergmann, R. Pouillot, F. Le Roux, and F.C. Berthe.** 2005. Validation of in situ hybridisation and histology assays for the detection of the oyster parasite *Marteilia refringens*. *Dis Aquat Org* **65**:9-16.
- Theegarten, D., O. Anhenn, K. Sachse, and P. Reinhold.** 2005. Nachweis von *Chlamydiaceae* in den Lungen von Pferden und Schweinen. *Pneumologie* **59**:831.

- Theegarten, D., H. Hotzel, and K. Henning.** 2005. Comparison of different *Coxiella burnetii* isolates. *Infection* **33**:216.
- Thiry, E., F. Meurens, B. Muylkens, M. McVoy, S. Gogev, J. Thiry, A. Vanderplasschen, A. Epstein, G.M. Keil, and F. Schynts.** 2005. Recombination in alphaherpesviruses. *Rev Med Virol* **15**:89-103.
- Thulke, H.H., T. Selhorst, and T. Müller.** 2005. Pseudorabies virus infection in wild boar: data visualisation as an aid to understanding disease dynamics. *Prev Vet Med* **68**:35-48.
- Trapp, S., J. von Einem, H. Hofmann, J. Kostler, J. Wild, R. Wagner, M. Beer, and N. Osterrieder.** 2005. Potential of equine herpesvirus 1 as a vector for immunization. *J Virol* **79**:5445-5454.
- Unterstab, G., S. Ludwig, A. Anton, O. Planz, B. Dauber, D. Krappmann, G. Heins, Ch. Ehrhardt, and T. Wolff.** 2005. Viral targeting of the interferon- $\beta$ -inducing Traf family member-associated NF- $\kappa$ B activator (TANK)-binding kinase-1. *Proc Natl Acad Sci USA* **102**:13640-13645.
- Vahlenkamp, T.W.** 2005. Die feline Immunschwächevirus (FIV)-Infektion - klinische Relevanz? *Tierärztl Umschau* **60**:576-577.
- Vahlenkamp, T.W., M.B. Tompkins, and W.A. Tompkins.** 2005. The role of CD4 $^{+}$ CD25 $^{+}$  regulatory T cells in viral infections. *Vet Immunol Immunopathol* **108**:219-225.
- Voigt, H., M. Schumm, G. Barth, and M. Büttner.** 2005. Messung zellulärer Immunreaktion mit Hilfe der ELISPOT-Technik. *Tierärztl Umschau* **60**:273-278.
- Walder, G., H. Hotzel, C. Brezinka, W. Gritsch, R. Tauber, R. Würzner, and F. Ploner.** 2005. An Unusual Cause of Sepsis during Pregnancy. *Obstet Gynecol* **106**:1215-1217.
- Wienhold, D., E. Armengol, A. Marquardt, C. Marquardt, H. Voigt, M. Büttner, A. Saalmüller, and E. Pfaff.** 2005. Immunomodulatory effect of plasmids co-expressing cytokines in classical swine fever virus subunit gp55/E2-DNA vaccination. *Vet Res* **36**:571-587.
- Windl, O., M. Buchholz, A. Neubauer, W. Schulz-Schaeffer, M. Groschup, S. Walter, S. Arendt, M. Neumann, A.K. Voss, and H.A. Kretzschmar.** 2005. Breaking an absolute species barrier: transgenic mice expressing the mink PrP gene are susceptible to transmissible mink encephalopathy. *J Virol* **79**:14971-14975.
- Wolf, D., G. Schares, O. Cardenas, W. Huanca, A. Cordero, A. Bärwald, F. J. Conraths, M. Gauly, H. Zahner, and C. Bauer.** 2005. Detection of specific antibodies to *Neospora caninum* and *Toxoplasma gondii* in naturally infected alpacas (*Lama pacos*), llams (*Lama glama*) and vicunas (*Lama vicugna*) from Peru and Germany. *Vet Parasitol* **130**:81-87.
- Veröffentlichungen in nicht referierten Zeitschriften/Conference Proceedings**
- Antychowicz, J., M. Reichert, M. Matras, S.M. Bergmann, and O. Haenen.** 2005. Epidemiology, pathogenicity and molecular biology of koi herpesvirus isolated in Poland. *Bull Vet Inst Pulawy* **49**:367-373.
- Depner, K., B. Hoffmann, M. Beer, J. Teuffert, V. Kaden, H. Schirrmeyer, J. Blicke, J. Fritzemeier, and T.C. Mettenleiter.** 2005. Paradigmenwechsel in der Schweinepestbekämpfung bei Hausschweinen: ein auf Erregernachweis und Impfung gestütztes, erweitertes Tierseuchenbekämpfungskonzept. *Dt Tierärztebl* **4**:398-401.
- Dobler, G., N. Frühwein, V. Hingst, P. Kimmig, U. Lindlbauer-Eisenach, F. von Sonnenburg, and J. Süss.** 2005. Positionspapier zur FSME-Impfstrategie. *ImpfDialog* **2**:65-67.

**European Food Safety Authority (EFSA); H. Budka, S. Buncic, P. Colin, J.D. Collins, C. Ducrot, J. Hope, M. Johnston, G. Klein, H. Kruse, E. Lücker, S. Magnino, R.L. Maijala, A. Martínez López, C. Nguyen-The, B. Noerrung, S. Notermans, G.-J.E. Nychas, M. Pensaert, T. Roberts, I. Vagsholm, E. Vanopdenbosch, U. Agrimi, T. Baron, S. Benestad, C. Bostock, J.P. Deslys, J. Grassi, M.H. Groschup, M. Jeffrey, J. Langeveld, D. Matthews, J. Safar, M. Simmons, J. Spiropoulos, M. Stack, and K. Webster.** 2005. Opinion of the Scientific Panel on biological hazards (BIOHAZ) on classification of atypical Transmissible Spongiform Encephalopathy (TSE) cases in Small Ruminants. EFSA J 3:276.

**European Food Safety Authority (EFSA); H. Budka, S. Buncic, P. Colin, J.D. Collins, C. Ducrot, J. Hope, M. Johnston, G. Klein, H. Kruse, E. Lücker, S. Magnino, R.L. Maijala, A. Martínez López, C. Nguyen-The, B. Noerrung, S. Notermans, G.-J.E. Nychas, M. Pensaert, T. Roberts, I. Vagsholm, E. Vanopdenbosch, R. Bradley, B. Berends, A. Buschmann, M. Doherr, A.H. Grobben, L. Paisley, V. Silano, R. Somerville, B. Urlings, M. van Belle, and G. Wells.** 2005. Opinion of the Scientific Panel on biological hazards (BIOHAZ) on the "Quantitative risk assessment of the animal BSE risk posed by meat and bone meal with respect to the residual BSE risk". EFSA J 3:257.

**European Food Safety Authority (EFSA); H. Budka, S. Buncic, P. Colin, J.D. Collins, C. Ducrot, J. Hope, M. Johnston, G. Klein, H. Kruse, E. Lücker, S. Magnino, R.L. Maijala, A. Martínez López, C. Nguyen-The, B. Noerrung, S. Notermans, G.-J.E. Nychas, M. Pensaert, T. Roberts, I. Vagsholm, E. Vanopdenbosch, R. Bradley, B. Berends, A. Buschmann, M. Doherr, A.H. Grobben, L. Paisley, V. Silano, R. Somerville, B. Urlings, M. van Belle, and G. Wells.** 2005. Opinion of the Scientific Panel on biological hazards (BIOHAZ) on the "Assessment of the human and animal BSE risk posed by tallow with respect to residual BSE risk". EFSA J 3:221.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of El Salvador. EFSA J 3:10r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Nicaragua. EFSA J 3:11r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Costa Rica. EFSA J 3:12r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Botswana. EFSA J 3:22r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Namibia. EFSA J 3:23r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Swaziland. EFSA J 3:24r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Panama. EFSA J 3:35r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of New Zealand. EFSA J 3:36r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Argentina. EFSA J 3:37r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Brazil. EFSA J 3:38r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Chile. EFSA J 3:39r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Paraguay. EFSA J 3:40r.

**European Food Safety Authority (EFSA); D. Calavas, A. de Koeijer, M. Gravenor, J. Griffin, D. Heim, M. Kramer, R. Maijala, M. Salman, V. Silano, E. Vanopdenbosch, and S. Widell.** 2005. Scientific Report of the European Food Safety Authority on the Assessment of the Geographical BSE Risk (GBR) of Uruguay. EFSA J 3:41r.

**Groschup, M.H.** 2005. Klassische und atypische Erscheinungsformen von Scrapie - Diagnostik und Übertragungsversuche. DGfZ-Schriftenreihe „Aktuelle Aspekte in der Schafzucht, TSE-Resistenzzucht und Etablierung tiergenetischer Ressourcen“ 39:5-16.

**Guntram, P., M. Vrijenhoek, and E. Starick.** 2005. Experimental evidence for an autonomous pathogenicity of H9N2 avian influenza virus (14<sup>th</sup> World Veterinary Poultry Congress, 22.-26. August 2005, Istanbul/Turkey, S. 187)

**Hafner, A., B. Haas, H. Voigt, P. Calistri, and M. Büttner.** 2005. Bedeutende Virusinfektionen mit Haut- und Schleimhautmanifestation beim Schaf. Tierärztl Praxis 33:209-218.

**Hautmann, W., S. Essbauer, and R. Ulrich.** 2005. Gehäuftes Auftreten von klinisch apparenten Hantavirus-Infektionen in Niederbayern im Jahr 2004. Epi Bull 10:84-85.

**Hoffmann, B.** 2005. Real-time, multiplex PCR detection of African swine fever virus: A comparison of reagents. QIAGENnews 1:16-17.

**Immerseel, F. van, P.A. Barrow, P. Holt, U. Methner, and R. Ducatelle.** 2005. Vaccinating to protect poultry early post-hatch and during moult. World Poultry, *Salmonella* and *Campylobacter* special, S. 14-15.

**Kaden, V., M. Kramer, B. Kern, A. Hlinak, J. Teuffert, C. Staubach, L. Mewes, A. Hänel, C. Renner, J. Dedek, H. Kiupel, W. Bruer, and J. Blicke.** 2005. Orale Immunisierung gegen Klassische Schweinepest beim Schwarzwild: Empfehlungen zur Diagnostik nach Einstellung der Impfung. Amtstierärztl Dienst Lebensm 12:266-271.

**Kunze, U., U. Baumhackl, R. Bretschneider, V. Chmelik, B. Grubeck-Lobenstein, M. Haglund, F. Heinz, R. Kaiser, P. Kimmig, C. Kunz, M. Kunze, A. Mickiene, L. Misic-Majerus, S. Randolph, B. Rieke, P. Stefanoff, J. Süss, and R. Wimmer.** 2005. International Scientific Working Group on Tick-

borne encephalitis: The Golden Agers and Tick-borne encephalitis. Conference report and position paper of the International Scientific Working Group on Tick-borne encephalitis. Wien Med Wochenschr **155**:289-294.

**Jäger, J., K. Sachse, F. Melzer, and P. Reinhold.** 2005. Beeinflussung der Lungenfunktion durch Chlamydien (Abstract). Pneumologie **59** [Suppl. 1]:33.

**Lühken, G., A. Buschmann, M.H. Groschup, and G. Erhardt.** 2005. Klassische und atypische Erscheinungsformen von Scrapie - Genetische Grundlagen. DGfZ-Schriftenreihe „Aktuelle Aspekte in der Schafzucht, TSE-Resistenzzucht und Erhaltung tiergenetischer Ressourcen“ **39**:17-23.

**Mettenleiter, T.C.** 2005. Friedrich-Loeffler-Institut. Dt Tierärztbl 10/2005:1134-1137.

**Mettenleiter, T.C.** 2005. Veterinary Viruses. Nova Acta Leopold. **NF 92**(344):221-230.

**Mettenleiter, T.C.** 2005. Neuer Name mit alter Tradition. Forschungsreport 1/2005:42-43.

**Mettenleiter, T.C.** 2005. Virusforschung auf der Insel Riems - Geschichte, Gegenwart und Zukunft des Friedrich-Loeffler-Instituts. bpt-Info 07/2005:16-18.

**Mettenleiter, T.C. und T. Vahlenkamp.** 2005. Tierseuchenexperten aus 20 Ländern bei Tagung des Friedrich-Loeffler-Instituts in Greifswald und auf der Insel Riems. DVG-Forum 2/2005:24-25.

**Moser, I.** 2005. Die Tuberkulose des Rindes in Deutschland: Geschichte, aktuelle Bedeutung und Diagnostik. Amtstierärztl Dienst Lebensm **12**:116-121.

**Müller, T.** 2005. Tollwut - eine Gefahr von gestern? Der Hund **8**:12-14.

**Müller, T., T. Selhorst, and C. Pötzsch.** 2005. Fox rabies in Germany - an update. Eurosurveillance (<http://www.eurosurveillance.org/em/v10n11/1011-228.asp>)

**Pötzsch, C.J.** 2005. Was ist neu? Was ist anders? Erläuterungen zum geänderten Tierseuchengesetz und den entsprechenden Verordnungen, Geflügelpest-Verordnung. Dt Tierärztbl **53**:392-394.

**Reinhold, P.** 2005. Modelle pulmonaler Infektionen bei Großtieren - speziesspezifische Unterschiede. Pneumologie **59**:412-417.

**Reinhold, P., U. Costabel, J. Hamacher, D. Theegarten, and M. Rosenbruch.** 2005. Vergleichende Aspekte der broncho-alveolären Lavage bei Mensch und Tier. Pneumologie **59**:485-501.

**Reinhold, P., J. Jäger, and C. Schröder.** 2005. The collection of exhaled breath condensate depends on various variables of ventilation. Eur Resp J **26** [Suppl. 49]:261.

**Reinhold, P. A. Langenberg, and K. Sachse.** 2005. Die respiratorische Impedanz bei experimentell mit Chlamydia suis infizierten Schweinen. Atemw.-Lungenkrkh. **31**:481-482.

**Reinhold, P., Langenberg, A., and K. Sachse.** 2005. An experimentally induced infection with Chlamydiaceae results in acute airway obstruction (pig model). Eur. Resp. J. **26** [Suppl. 49]:408.

**Reinhold, P., M. Rosenbruch, D. Theegarten, and K. Dalhoff.** 2005. Pulmonale Infektionsmodelle: 7. Workshop des Arbeitskreises „Vergleichende Pathologie und Pathophysiologie des respiratorischen Systems“ der Deutschen Veterinärmedizinischen Gesellschaft (DVG) in Zusammenarbeit mit den Sektionen Infektiologie und Tuberkulose und Zellbiologie der Deutschen Gesellschaft für Pneumologie (DGP) am 17.03.2005 in Berlin. Pneumologie **59**:411-427.

**Ruf, R.R., O. Werner, H.-J. Schmitt, and P. Wutzler.** 2005. Humane und aviaere Influenza - „Vogelgrippe“. Deutsches Ärzteblatt **102**:3254-3263.

**Sachse, K., and E. Schubert.** 2005. Aviare Chlamydiose als Quelle humaner Ornithose - eine wenig beachtete Infektionskette. *Thür Ärztebl* **16**:411-413.

**Süss, J.** 2005. Zum aktuellen Auftreten der FSME in Europa. *Epi Bull* **16**:140-145.

**Süss, J.** 2005. Zeckenalarm. *Gesundheit und Umwelt* **41**:5-7.

**Ulrich, R., S. Essbauer, M. Wenk, and J. Koch.** 2005. Gefahr für den Jäger? *Pirsch - Magazin für Jagd und Natur* **18**:20-21.

**Ulrich, R., A. Kliemt, T. Selhorst, and T. Müller.** 2005. Tollwut in Europa. *Beitr Jagd- u. Wildf.* **30**:289-301.

**Ulrich, R., and A. Rang.** 2005. FORUM „Hantaviren“ (*Immunologie Aktuell*, III., 2005).

**Vahlenkamp, T.W.** 2005. Durchflusszytometrie: Neue diagnostische Möglichkeiten in der Kleintierpraxis: Neuheiten, Fortschritte und Trends aus der Kleintierpraxis. *Vet-MedReport* **29**:6-7.

**Vahlenkamp, T.W.** 2005. Aviare Influenza bei Katzen? Beurteilung von klinischen Studien und Berichten aus Asien. *Dt Tierärztebl* **17**-18.

## Buchbeiträge

**Hoffmann, B., M. Beer, H. Schütze, and T.C. Mettenleiter.** 2005. Fish rhabdoviruses: Molecular epidemiology and evolution. *In: The World of Rhabdoviruses*, CTMI 292, S. 81-117.

**Kaleta, E.F., and O. Werner.** 2005. Paramyxoviridae. *In: Siegmann, O., and U. Neumann, (eds.), Kompendium der Geflügelkrankheiten*, Hannover, Schlütersche, S. 142-152.

**Liebler-Tenorio, E.M.** 2005. Pathogenesis. *In: Goyal, S.M., and J.F. Ridpath (eds.): Bovine Viral Diarrhea Virus: Diagnosis, Management and Control*. Blackwell Publishing, Oxford, UK, S. 121-144.

**Methner, U.** 2005. Salmonellosen. *In: Siegmann, O.: Kompendium der Geflügelkrankheiten; Hrsg. Ulrich Neumann. - 6. aktualis. u. erw. Aufl. - Hannover: Schlütersche*, S. 208-210.

**Reinhold, P., C. Deaton, and D. Marlin.** 2005. Potential for and limitations of exhaled breath analysis in animal models. *In: Amann, A., and D. Smith, D. (eds.): Breath Analysis for Clinical Diagnosis and Therapeutic Monitoring*. World Scientific Publishing Co. Pte. Ltd., S. 503-514.

**Smith, H.-J., P. Reinhold, and M.D. Goldman.** 2005. Forced oscillation technique and impulse oscillometry. *Eur Respir Mon* **31**:72-105.

**Vahlenkamp, T.W., and H. Müller.** 2005. Feline Leukämievirus (FeLV)-assoziierte Tumorerkrankungen. *In: Kessler, M. (Hrsg.) Handbuch der Kleintieronkologie*. Parey Verlag, Berlin/Wien. (2. Auflage), ISBN 3830441037.

**Werner, O., and E.F. Kaleta.** 2005. Orthomyxoviridae. *In: Siegmann, O., Neumann, U. (eds.): Kompendium der Geflügelkrankheiten*. Hannover, Schlütersche, S. 135-142.

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

### Habilitationen

**Vahlenkamp, Thomas W.** (IMB): Immunpathogenese der feline Immunschwächevirus (FIV)-Infektion: Ein Modell für AIDS (Freie Universität Berlin)

## Dissertationen

**Arzt, C. (IfI):** Herstellung von luciferasemarkiertem Prionprotein mit dem Baculovirus-Expressionssystem (Eberhard-Karls-Universität Tübingen)

**Bernhard, Roger (IfI):** Einfluss von Mutationen auf die NS2/3-Prozessierung und Zytopathogenität von Pestiviren (Eberhard-Karls-Universität Tübingen)

**Böttcher, Sindy (IMB):** Identifizierung funktioneller Domänen im essentiellen Tegumentprotein UL36 des Pseudorabies Virus (Ernst-Moritz-Arndt-Universität Greifswald)

**Klopfleisch, Robert (IMED):** Molekulare und pathomorphologische Untersuchungen zur Bedeutung verschiedener Virusproteine für die Neuroinvasion des Pseudorabiesvirus (Justus-Liebig-Universität Gießen)

**Semmler, Ilia (IVD):** Verpackte Replikons des Virus der bovinen Virusdiarrhoe (BVDV) als neuartige Vakzine (Ludwig-Maximilians-Universität München)

## PhD Theses

--

## Diplomarbeiten

**Gonzalez Carvajal, B. (IBIZ):** Charakterisierung der Interleukin-mRNA-Expression im Zäkum nach *Salmonella*-Immunisierung und -Infektion von Hühnerküken (Friedrich-Schiller-Universität Jena)

**Mischkale, Katrin (IVD):** Charakterisierung pestiviraler Replikons als zytopathogenes und nicht-zytopathogenes Expressionssystem (Ernst-Moritz-Arndt-Universität Greifswald)

**Rosenkranz, Daniela (IMB):** Identifizierung und Charakterisierung immunogener Proteine des Koi Herpesvirus (Ernst-Moritz-Arndt-Universität Greifswald)

## Masterarbeiten

--

## Bachelorarbeiten

--