

Vetenskapliga artiklar från Statens Veterinärmedicinska Anstalt 2008

Axnér, E., Ågren, E., Båverud, V. & Holst, B.S., (2008). "Infertility in the cycling queen: seven cases". *Journal of feline medicine and surgery*. 10: 566-576.

Barber, D., Campbell, J., Davey, J., Luke, T., Ågren, E. & Beveridge, I., (2008). "Unilateral failure of development of mandibular premolars and molars in an Eastern Grey kangaroo (*Macropus giganteus*) and its effects on molar progression". *Australian veterinary journal*. 86(1-2):64-6: 64-66.

Belák, K., Koenen, F., Vanderhallen, H., Mittelholzer, C., Feliziani, F., De Mia, G.M. & Belák, S., (2008). "Comparative studies on the pathogenicity and tissue distribution of three virulence variants of classical swine fever virus, two field isolates and one vaccine strain, with special regard to immunohistochemical investigations". *Acta veterinaria scandinavica*.
<http://www.actavetscand.com/content/50/1/34>.

Benestad, S.L., Arsaç, J.N., Goldmann, W. & Nöremark, M., (2008). "Atypical/Nor98 scrapie: properties of the agent, genetics, and epidemiology". *Veterinary research*. 39: 14pp.

Bengtsson, B., Ericsson Unnerstad, H., Ekman, T., Artursson, K., Nilsson-Öst M. & Persson Waller K., (2008). "Antimicrobial susceptibility of udder pathogens from cases of acute clinical mastitis in dairy cows". *Veterinary microbiology*. [Epub ahead of print].

Boqvist, S., Pettersson, H., Svensson, A. & Andersson, Y., (2008). "Sources of sporadic *Yersinia enterocolitica* infection in children in Sweden, 2004: a case-control study". *Epidemiology and infection*. [Epub ahead of print].

Bronzwaer, S., Aarestrup, F., Battisti, A., Bengtsson, B., Piriz Duran, S., Emborg, H.D., Kahlmeter, G., Mevius, D., Regula, G., Sanders, P., Teale, C., Wasyl, D., De Smet, K., Torren Edo, J., Tüll, P., Deluyker, H. & Mäkelä, P., (2008). "Harmonised monitoring of antimicrobial resistance in *Salmonella* and *Campylobacter* isolates from food animals in the European Union". *Clinical microbiology and infection*. 14: 522-533.

Capurro, A., Artursson, K., Waller, K.P., Bengtsson, B., Ericsson-Unnerstad, H., Aspán, A., (2008). "Comparison of a commercialized phenotyping system, antimicrobial susceptibility testing, and *tuf* gene sequence-based genotyping for species-level identification of coagulase-negative staphylococci isolated from cases of bovine mastitis". *Veterinary microbiology*. [Epub ahead of print]: 8pp.

Davidson, R.K., Bornstein, S. & Handeland, K., (2008). "Long-term study of *Sarcoptes scabiei* infection in Norwegian red foxes (*Vulpes vulpes*) indicating host/parasite adaptation.". *Veterinary parasitology*. May 22. [Epub ahead of print].

Engblom, L., Eliasson-Selling, L., Lundeheim, N., Belák, K., Andersson, K. & Dalin, A.M., (2008). "Post mortem findings in sows and gilts euthanised or found dead in a large Swedish herd". *Acta veterinaria scandinavica*.
<http://www.actavetscand.com/content/50/1/25>.

- Fahlman, A., Arnemo, J.M., Persson, J., Segerström, P. & Nyman, G., (2008). "Capture and medetomidine-ketamine anesthesia of free-ranging wolverines (*Gulo gulo*)". *Journal of wildlife diseases*. 44: 133-142.
- Fediaevsky, A., . Tongue, S.C., Nöremark, M., Calavas, D., Ru, G. & Hopp, P., (2008). "A descriptive study of the prevalence of atypical and classical scrapie in sheep in 20 European countries". *BMC Veterinary research*. 4:19: 24pp.
- Feinstein, R.E., Morris, W.E., Waldemarson, A.H., Hedenqvist, P., Lindberg, R., (2008). "Fatal acute intestinal pseudoobstruction in mice". *Journal of the American association for laboratory animal science*. 47: 58-63.
- Frössling, J., Nødtvedt, A., Lindberg, A. & Björkman, C., (2008). "Spatial analysis of *Neospora caninum* distribution in dairy cattle from Sweden". *Geospatial health*. 3: 39-45.
- Gavier-Widén, D., Nöremark, M., Langeveld, J.P., Stack, M., Biacabe, A.G., Vulin, J., Chaplin, M., Richt, J.A., Jacobs, J., Acín, C., Monleón, E., Renström, L., Klingeborn, B, & Baron T.G., (2008). "Bovine spongiform encephalopathy in Sweden: an H-type variant". *Journal of veterinary diagnostic investigation*. 20: 2-10.
- Godin, A.C., Björkman, C. Englund, S., Johansson, K.E., Niskanen, R. & Alenius, S., (2008). "Investigation of *Chlamydophila* spp. in dairy cows with reproductive disorders". *Acta veterinaria scandinavica*.
<http://www.actavetscand.com/content/50/1/39>.
- Hagberg, M., Lundén, A., Höglund, J., Morrison, D.A., Persson Waller, K., & Wattrang E., (2008). "Characterization of bovine lymphocytes stimulated in vitro by *Dictyocaulus viviparus* homogenate". *Parasite immunology*. 30: 342-353.
- Hallén Sandgren, C.H., Persson Waller, K. & Emanuelson, U., (2008). "Therapeutic effects of systemic or intramammary antimicrobial treatment of bovine subclinical mastitis during lactation". *Veterinary journal*. 175: 108-117.
- Hamsten, C, Westberg, J., Bölske, G., Ayling, R., Uhlén, M. & Persson, A., (2008). "Expression and immunogenicity of six putative variable surface proteins in *Mycoplasma mycoides* subsp. *mycoides* SC". *Microbiology*. 154: 539-549.
- Harkonen, T., Bäcklin, B.M., Barrett, T., Bergman, A., Corteyn, M., Dietz, R., Harding, K.C., Malmsten, J., Roos, A. & Teilmann, J., (2008). "Mass mortality in harbour seals and harbour porpoises caused by an unknown pathogen". *Veterinary record*. 162-163: 555-556.
- Hendriksen, R.S., Mevius, D.J., Schroeter, A., Teale, C., Meunier, D., Butaye, P., Franco, A., Utinane, A., Amado, A., Moreno, M., Greko, C., Stärk, K., Berghold, C., Myllyniemi, A.L., Wasyl, D., Sunde, M. & Aarestrup, F.M., (2008). "Prevalence of antimicrobial resistance among bacterial pathogens isolated from cattle in different European countries: 2002-2004". *Acta veterinaria scandinavica*. <http://actavetscand.com/contents/50/1/28>.

- Hendriksen, R.S., Mevius, D.J., Schroeter, A., Teale, C., Jouy, E., Butaye, P., Franco, A., Utinane, A., Amado, A., Moreno, M., Greko, C., Stärk, K.D., Berghold, C., Myllyniemi, A.L., Hossowski, A., Sunde, M. & Aarestrup, F.M., (2008). "Occurrence of antimicrobial resistance among bacterial pathogens and indicator bacteria in pigs in different European countries from year 2002 - 2004: the ARBAO-II study". *Acta veterinaria scandinavica*.
<http://www.actavetscand.com/conteeeennt/50/1/19>.
- Herthnek, D., Nielsen, S.S., Lindberg, A. & Bölske, G., (2008). "A robust method for bacterial lysis and DNA purification to be used with real-time PCR for detection of *Mycobacterium avium* subsp. *paratuberculosis* in milk". *Journal of microbiological methods*. 75: 335-340.
- Jansson, D.S., Bröjer, C., Mattsson, R., Feinstein, R., Mörner, T. & Hård af Segerstad, C., (2008). "Mycotic proventriculitis in gray partridges (*Perdix perdix*) on two game bird farms". *Journal of zoo and wildlife medicine*. 39: 428-437.
- Jansson, D.S., Fellström, C. & Johansson, K.E., (2008). "Intestinal spirochetes isolated from wild-living jackdaws, hooded crows and rooks (genus *Corvus*): provisionally designated "*Brachyspira corvi*" sp. nov". *Anaerobe*. 14: 287-295.
- Jansson, E., Lindberg, L., Säker, E. & Aspán, A., (2008). "Diagnosis of bacterial kidney disease by detection of *Renibacterium salmoninarum* by real-time PCR". *Journal of fish diseases*. 31: 755-763.
- Kiss, I., Gyarmati, P., Zohari, S., Ramsay, K.W., Metreveli, G., Weiss, E., Brytting, M., Stivers, M., Lindström, S., Lundkvist, A., Nemirov, K., Thorén, P., Berg, M., Czifra, G. & Belák, S., (2008). "Molecular characterization of highly pathogenic H5N1 avian influenza viruses isolated in Sweden in 2006.". *Molecular characterization of highly pathogenic H5N1 avian influenza viruses isolated in Sweden in 2006*. 5:
<http://www.virologyj.com/content/5/1/113>.
- Ladbury, G. A., Stuen, S., Thomas, R., Bown, K.J., Woldehiwet, Z., Granquist, E.G., Bergström, K. & Birtles, R.J., (2008). "Dynamic Transmission of Numerous *Anaplasma phagocytophilum* Genotypes among Lambs in an Infected Sheep Flock in an Area of Anaplasmosis Endemicity". *Journal of clinical microbiology*. 46: 1686-1691.
- Lindgren, K., Ljungvall, O., Nilsson, O., Ljungström, B.L., Lindahl, C. & Höglund, J., (2008). "*Parascaris equorum* in foals and in their environment on a Swedish stud farm, with notes on treatment failure of ivermectin.". *Veterinary parasitology*. 151: 337-343.
- Liu, L., Xia, H., Belák, S. & Baule, C., (2008). "A TaqMan real-time RT-PCR assay for selective detection of atypical bovine pestiviruses in clinical samples and biological products". *Journal of virological methods*. 154: 82-85.
- Liu, L., Xia, H., Belák, S. & Baule, C., (2008). "Phylogeny, classification and evolutionary insights into pestiviruses". *Virology*. Accepted for publication.

- Logan, K.E., Gavier-Widen, D., Hewinson, R.G. & Hogarth, P.J., (2008). "Development of a Mycobacterium bovis intranasal challenge model in mice". Tuberculosis. Epub ahead of print.
- Lundahl, A., Hedeland, M., Bondesson, U., Knutson, L. & Lennernäs H., (2008). "The effect of St. John's wort on the pharmacokinetics, metabolism and biliary excretion of finasteride and its metabolites in healthy men". European journal of pharmaceutical sciences. [E-pub ahead of print].
- Mattsson, J.G., Insulander, M., Lebbad, M., Bjorkman, C., Svenungsson, B., (2008). "Molecular typing of Cryptosporidium parvum associated with a diarrhoea outbreak identifies two sources of exposure". Epidemiology and Infection. 136: 1147-1152.
- Munir, M., Siddique, M., Shehzad, A., Zohari, S. & Ståhl, K., (2008). "Seroprevalence of antibodies to peste de petits ruminants virus at various governmental livestock farms in Punjab, Pakistan.". Asian journal of epidemiology. 1: 82-90.
- Mörner, T., Bröjer, C., Ryser-Degeorgis, M.-P., Gavier-Widén, D., Nilsson, H.-O. & Wadström, T., (2008). "Detection of gastric Helicobacter species in free-ranging lynx (Lynx lynx) and red foxes (Vulpes vulpes) in Sweden". Journal of wildlife diseases. 44: In press.
- Nordin, A., Nyberg, K. & Vinnerås, B., (2008). "Inactivation of Ascaris eggs in source-separated urine and faeces by ammonia at ambient temperatures". Applied and environmental microbiology. [Epub ahead of print].
- Nyman, A.K., Emanuelson, U., Gustafsson, A.H. & Persson Waller, K., (2008). "Management practices associated with udder health of first-parity dairy cows in early lactation". Preventive veterinary medicine. [E-pub ahead of publication].
- Nyman, A.K., Emanuelson, U., Holtenius, K., Ingvarstsen, K.L., Larsen, T. & Persson Waller, K., (2008). "Metabolites and immune variables associated with somatic cell counts of primiparous dairy cows". Journal of dairy science. 91: 2996-3009.
- Olsén, L., Bondesson, U., Boström, H., Tjälve, H. & Ingvast-Larsson, C., (2008). "Cetirizine in horses: Pharmacokinetics and pharmacodynamics following repeated oral administration". The veterinary journal. 242-9.
- Persson Waller, K., Bengtsson, B., Lindberg, A., Nyman, A. & Ericsson Unnerstad, H., (2008). "Incidence of mastitis and bacterial findings at clinical mastitis in Swedish primiparous cows-Influence of breed and stage of lactation". Veterinary microbiology. [Epub ahead of print].
- Pinitkiatisakul, S., Mattsson, J.G. & Lundén, A., (2008). "Quantitative analysis of parasite DNA in the blood of immunized and naïve mice after infection with Neospora caninum". Parasitology. 135: 175-182.
- Pringle, M., Bergsten, C., Fernstrom, L.L., Hook, H. & Johansson, K.E., (2008). "Isolation and characterization of Treponema phagedenis-like spirochetes from digital dermatitis lesions in Swedish dairy cattle". Acta veterinaria scandinavica. . [Epub ahead of print].

- Rasmussen, T.B., Uttenthal, A., Hakhverdyan, M., Belák, S., Wakeley, P.R., Reid, S.M., Ebert, K. & King, D.P., (2008). "Evaluation of automated nucleic acid extraction methods for virus detection in a multicenter comparative trial.". *Journal of virological methods*. [E-pub ahead of print].
- Riihimäki, M., Lilliehöök, I., Raine, A., Berg, M. & Pringle, J., (2008). "Clinical alterations and mRNA levels of IL-4 and IL-5 in bronchoalveolar cells of horses with transient pulmonary eosinophilia". *Research in veterinary science*. 85: 52-55.
- Rodriguez-Sanchez, B., Sanchez-Vizcaino, J.M., Uttenthal, A., Rasmussen, T.B., Hakhverdyan, M., King, D.P., Ferris, N.P., Ebert, K., Reid, S.M., Kiss, I., Brocchi, E., Cordioli, P., Hjerner, B., McMenemy, M., McKillen, J., Ahmed, J.S. & Belak, S., (2008). "Improved diagnosis for nine viral diseases considered as notifiable by the world organization for animal health.". *Transboundary emerging diseases*. 55: 215-225.
- Salomonsson, M.L., Bondesson, U. & Hedeland, M., (2008). "Structural evaluation of the glucuronides of morphine and formoterol using chemical derivatization with 1,2-dimethylimidazole-4-sulfonyl chloride and liquid chromatography/ion trap mass spectrometry". *Rapid communications in mass spectrometry*. 22: 2685-2697.
- Sartz, L., De Jong, B., Hjertqvist, M., Plym-Forshell, L., Alsterlund, R., Löfdahl, S., Osterman, B., Ståhl, A., Eriksson, E., Hansson, H.B. & Karpman, D., (2008). "An outbreak of *Escherichia coli* O157:H7 infection in southern Sweden associated with consumption of fermented sausage; aspects of sausage production that increase the risk of contamination". *Epidemiology and infection*. 136: 370-380.
- Sjödahl-Essén, T., Tidholm, A., Thorén, P., Persson-Wadman, A., Bölske, G., Aspán, A. & Berndtsson, L.T., (2008). "Evaluation of different sampling methods and results of real-time PCR for detection of feline herpes virus-1, *Chlamydomyces felis* and *Mycoplasma felis* in cats". *Veterinary Ophthalmology*. 11: 375-380.
- Smulders, F.J., Vågsholm, I. & Korkeala, H., (2008). "Food-borne zoonoses, the EU zoonosis legislation and the prospects for food safety and consumer protection during primary animal production". *Wiener Klinische Wochenschrift*. 120: 587-598.
- Sokerya, S., Waller, P.J., Try, P. & Höglund, J., (2008). "The effect of long-term feeding of fresh and ensiled cassava (*Manihot esculenta*) foliage on gastrointestinal nematode infections in goats". *Tropical animal health and production*. Jun 1. [Epub ahead of print].
- Sternberg, S., Johnsson, A., Aspan, A., Bergström, K., Kallay, T.B. & Szanto, E., (2008). "Outbreak of *Salmonella* Thompson infection in a Swedish dairy herd". *Veterinary record*. 163: 596-599.
- Ståhl, K., Lindberg, A., Rivera, H., Ortiz, C. & Moreno-López, J., (2008). "Self-clearance from BVDV infections--a frequent finding in dairy herds in an endemically infected region in Peru". *Preventive veterinary medicine*. 83: 285-296.

- Söderström, A., Osterberg, P., Lindqvist, A., Jönsson, B., Lindberg, A., Blide Ulander, S., Welinder-Olsson, C., Löfdahl, S., Kaijser, B., De Jong, B., Kühlmann-Berenzon, S., Boqvist, S., Eriksson, E., Szanto, E., Andersson, S., Allestam, G., Hedenström, I., Ledet Muller, L. & Andersson, Y., (2008). "A large *Escherichia coli* O157 outbreak in Sweden associated with locally produced lettuce". *Foodborne Pathog Dis.* 5: 339-349.
- Tignon, M., Kulcsar, G., Belak, K., Haegeman, A, Barna, T., Fabian, K., Levai, R., Farsang, A., Van der Stede, Y., Vrancken, R. & Koenen, F., (2008). "Application of a Commercial Real-Time RT-PCR Assay for Surveillance of Classical Swine Fever: Evaluation by Testing Sequential Tissue and Blood Samples". *Open veterinary science journal.* 2: 104-110.
- Timmusk, S., Wallgren, P., Brunborg, IM., Wikström, FH., Allan, G., Meehan, B., McMenamy, M., McNeilly, F., Fuxler, L., Belák, K., Pödersoo, D., Saar, T., Berg, M. & Fossum, C., (2008). "Phylogenetic analysis of porcine circovirus type 2 (PCV2) pre- and post-epizootic postweaning multisystemic wasting syndrome (PMWS)". *Virus genes.* 36: 509-520.
- Wang, J., O'Keefe, J., Orr, D., Loth, L., Banks, M., Wakeley, P., West, D., Card, R., Ibata, G., Van Maanen, K., Thoren, P., Isaksson, M. & Kerkhofs, P., (2008). "An international inter-laboratory ring trial to evaluate a real-time PCR assay for the detection of bovine herpesvirus 1 in extended bovine semen". *Veterinary microbiology.* 126: 11-19.
- Vinnerås, B., Nordin, A., Niwagaba, C. & Nyberg, K., (2008). "Inactivation of bacteria and viruses in human urine depending on temperature and dilution rate". *Water research.* 42: 4067-74.
- von Euler, H., Sadeghi, A., Carlsson, B., Rivera, P., Loskog, A., Segall, T., Korsgren, O. & Tötterman, T.H., (2008). "Efficient adenovector CD40 ligand immunotherapy of canine malignant melanoma". *Journal of Immunotherapy.* 31: 377-384.
- Yacoub, A., Kiss, I., Zohari, S., Hakhverdyan, M., Czifra, G., Mohamed, N., Gyarmati, P., Blomberg, J. & Belák, S., (2008). "The rapid molecular subtyping and pathotyping of avian influenza viruses". *Journal of virological methods.* [Epub ahead of print].
- Zhu, Y., Magnusson, U., Fossum, C. & Berg, M., (2008). "Escherichia coli inoculation of porcine mammary glands affects local mRNA expression of Toll-like receptors and regulatory cytokines". *Veterinary immunology and immunopathology.* 125: 182-189.
- Zohari, S., Gyarmati, P., Ejdersund, A., Berglöf, U., Thorén, P., Ehrenberg, M., Czifra, G., Belák, S., Waldenström, J., Olsen, B. & Berg, M., (2008). "Phylogenetic analysis of the non-structural (NS) gene of influenza A viruses isolated from mallards in Northern Europe in 2005". *Virology journal.* <http://www.virologyj.com/content/5/147>.
- Åkerstedt, M., Persson Waller, K., Bach Larsen, L., Forsbäck, L. & Sternesjö, Å., (2008). "Relationship between haptoglobin and serum amyloid A in milk and milk quality". *International dairy journal.* 18: 669-674.