Anette Bøtner - Research outputs - DTU Orbit (02/07/2019)

Diagnostic comparison of serum and EDTA-stabilized blood samples for the detection of foot-and-mouth disease virus RNA by RT-qPCR
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Simulation of transmission and persistence of African swine fever in wild boar in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Vildsvinehegn virker som en del af løsningen
Research output: Contribution to journal › Contribution to newspaper - Comment/debate – Annual report year: 2018 › Communication

Afrikansk svinepest
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research

Afrikansk svinepest - en aivorlig trussel for hele svinebranchen
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

A reply to "A comment on "Inter-laboratory study to characterize the detection of serum antibodies against porcine epidemic diarrhoea virus"*
Belsham, G. J. & Bøtner, A., 2018, In : Veterinary Microbiology. 224, p. 116-117
Research output: Contribution to journal › Comment/debate – Annual report year: 2018 › Research › peer-review

Complete genome sequence of an African swine fever virus (ASFV POL/2015/Podlaskie) determined directly from pig erythrocyte-associated nucleic acid
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Detection and Characterization of Distinct Alphacoronaviruses in Five Different Bat Species in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Efficacy and safety of simultaneous vaccination with two modified live virus vaccines against porcine reproductive and respiratory syndrome virus types 1 and 2 in pigs
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Full-length genome sequences of porcine epidemic diarrhoea virus strain CV777; Use of NGS to analyse genomic and sub-genomic RNAs
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Infection of pigs with African swine fever virus via ingestion of stable flies (Stomoxys calcitrans)
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review
Modeling the Effects of Duration and Size of the Control Zones on the Consequences of a Hypothetical African Swine Fever Epidemic in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Short time window for transmissibility of African swine fever virus from a contaminated environment
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Survival and localization of African swine fever virus in stable flies (Stomoxys calcitrans) after feeding on viremic blood using a membrane feeder
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Transmission of foot-and-mouth disease from persistently infected carrier cattle to naïve cattle via transfer of oropharyngeal fluid.
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Experimental Infection of Young Pigs with an Early European Strain of Porcine Epidemic Diarrhoea Virus and a Recent US Strain
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Genetic and biological characterization of a Porcine Reproductive and Respiratory Syndrome Virus 2 (PRRSV-2) causing significant clinical disease in the field
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Pathogenicity of three genetically diverse strains of PRRSV Type 1 in specific pathogen free pigs
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Transmission of African swine fever virus from infected pigs by direct contact and aerosol routes
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

A Prime-Boost Vaccination Strategy in Cattle to Prevent Foot-and-Mouth Disease Using a “Single-Cycle” Alphavirus Vector and Empty Capsid Particles
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Assessing the potential spread and maintenance of foot-and-mouth disease virus infection in wild ungulates: general principles and application to a specific scenario in Thrace
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review
Simulating the epidemiological and economic effects of an African swine fever epidemic in industrialized swine populations
Hisham Beshara Halasa, T., Betnær, A., Mortensen, S., Christensen, H., Toft, N. & Boklund, A., 2016, In: Veterinary Microbiology. 193, p. 7-16
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Simulation of Spread of African Swine Fever, Including the Effects of Residues from Dead Animals
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Spatio-temporal Analysis of the Genetic Diversity of Arctic Rabies Viruses and Their Reservoir Hosts in Greenland
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

West Nile fever: En virussygdom, der spredes igjennom Europa
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research

Bat Coronaviruses circulating in Danish bats
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Bat Coronaviruses circulating in Danish bats
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

Hvordan ser afrikansk svinepest ud i danske grise II? Rapport over smitteforsøg i drægtige søer 2014
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Communication

PED - Porcin Epidemisk Diarré
Research output: Contribution to journal › Comment/debate – Annual report year: 2015 › Communication

Use of recombinant capsid proteins in the development of a vaccine against foot-and-mouth disease virus (FMDV).
Belsham, G. & Betnær, A., 2015, In: Virus Adaptation and Treatment. 7, p. 11-23
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Characteristics of a foot-and-mouth disease virus with a partial VP1 G-H loop deletion in experimentally infected cattle
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Clinical characterization of a type 2 PRRSV causing significant clinical disease in the field in Denmark
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review
Detection of European bat lyssavirus type 2 in Danish Daubenton’s bats
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2014 › Research › peer-review

EFSA publication, 2014, Parma, Italy: European Food Safety Authority. 68 p. (the EFSA Journal; No. 3877, Vol. 12(10)).
Research output: Book/Report › Report – Annual report year: 2014 › Commissioned › peer-review

Experimental infection of pregnant sows with African swine fever (ASFV Georgia 2007): Clinical outcome, pathogenesis and vertical transmission
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research

Limited interlaboratory comparison of Schmallenberg virus antibody detection in serum samples
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Overvågning af flagermuserabies i Danmark
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Communication

Rapid Spread of Schmallenberg Virus-infected Biting Midges (Culicoides spp.) across Denmark in 2012
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Targeted modifications of foot-and-mouth disease virus; towards improved vaccine candidates
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2014 › Research › peer-review

The diagnostic utility of stabilized blood for detection of foot-and-mouth disease virus RNA by RT-qPCR
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

EFSA AHAW Panel (EFSA Panel on Animal Health and Welfare), ECDC (European Centre for Disease Prevention and Control) and EMA (European Medicines Agency), 2013. Scientific Opinion on the possible risks posed by the Influenza A(H3N2v) virus for animal health and its potential spread and implications for animal and human health.
EFSA publication, 2013, Parma, Italy: European Food Safety Authority. 64 p. (the EFSA Journal; No. 3383, Vol. 11(10)).
Research output: Book/Report › Report – Annual report year: 2014 › Commissioned › peer-review

Experimental infection of pigs with two East European variants of Type 1 PRRSV
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Genetic and biological characterisation of an avian-like H1N2 swine influenza virus generated by reassortment of circulating avian-like H1N1 and H3N2 subtypes in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review
Occurrence of Schmallenberg virus in Danish biting midges (Culicoides spp.)
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

Processing of the VP1/2A Junction Is Not Necessary for Production of Foot-and-Mouth Disease Virus Empty Capsids and Infectious Viruses: Characterization of "Self-Tagged" Particles
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Rescue of Infectious Foot-and-Mouth Disease viruses from preserved viral RNA
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Schmallenberg virus experimental infection of sheep
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Transplacental transmission of field and rescued strains of BTV-2 and BTV-8 in experimentally infected sheep
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Analysis of viremia and transplacental transmission of field and rescued strains of BTV-2 and BTV-8 following inoculation of pregnant sheep
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2012 › Research › peer-review

Capsid coding sequences of foot-and-mouth disease viruses are determinants of pathogenicity in pigs
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Comparison of the pathogenicity of two serotype O foot-and-mouth disease viruses (chimeric and field strain viruses) in pigs
Research output: Contribution to conference › Poster – Annual report year: 2012 › Research

EFSA Panel on Animal Health and Welfare (AHAW); Scientific Opinion on foot-and-mouth disease in Thrace: EFSA-Q-2010-01238
Research output: Book/Report › Report – Annual report year: 2012 › Research › peer-review

Evidence for Culicoides obsoletus group as vector for Schmallenberg virus in Denmark
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research › peer-review
"Schmallenberg" virus: Analysis of the Epidemiological Data and Assessment of Impact: EFSA-Q-2012-00305
Research output: Book/Report › Report – Annual report year: 2012 › Research › peer-review

Schmallenberg virus fundet i mitter i Danmark
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Virus survival in slurry: Analysis of the stability of foot-and-mouth disease, classical swine fever, bovine viral diarrhoea and swine influenza viruses
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Capsid proteins from field strains of foot-and-mouth disease virus confer a pathogenic phenotype in cattle on an attenuated, cell-culture-adapted virus
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

EFSA Panel on Animal Health and Welfare (AHAW); Scientific Opinion on bluetongue monitoring and surveillance: EFSA-Q-2010-01238
Research output: Book/Report › Report – Annual report year: 2011 › Research › peer-review

EFSA Panel on Animal Health and Welfare (AHAW); Scientific Opinion on bluetongue serotype 8: EFSA-Q-2010-01237
Research output: Book/Report › Report – Annual report year: 2011 › Research › peer-review

EFSA Panel on Animal Health and Welfare (AHAW); Scientific Opinion on monitoring for the emergence of possible new pandemic strains of influenza in animals: EFSA-Q-2009-00983
Research output: Book/Report › Report – Annual report year: 2011 › Research

Rescue of foot-and-mouth disease viruses that are pathogenic for cattle from preserved viral RNA samples
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Screening of reservoirs for hepatitis E virus
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2011 › Research › peer-review

Bluetongue in Denmark during 2008
Detection of myxoma viruses encoding a defective M135R gene from clinical cases of myxomatosis; possible implications for the role of the M135R protein as a virulence factor

EFSA Panel Animal Health and Welfare (AHAW); Scientific Opinion on the pandemic (H1N1) 2009 Influenza and its potential implications for animal health. EFSA-Q-2009-00935
EFSA publication, 2010, Parma, Italy: European Food Safety Authority. 57 p. (EFSA Journal; No. 1770, Vol. 8(9)).


Bluetongue in Denmark 2008
Bluetongue - Status før sæsonen 2009
Rasmussen, L. D. & Bøtner, A., 2009, In : Dansk Veterinaertidsskrift. 9, p. 29

Induction of porcine post-weaning multisystemic wasting syndrome (PMWS) in pigs from PMWS unaffected herds following mingling with pigs from PMWS-affected herds

Infection, excretion and seroconversion dynamics of porcine circovirus type 2 (PCV2) in pigs from post-weaning multisystemic wasting syndrome (PMWS) affected farms in Spain and Denmark

Antibody titers against swine influenza subtypes determined by the hemagglutination inhibition test are highly dependent on the strain
Dynamics of porcine circovirus type 2 infection and excretion in pigs from postweaning multisystemic wasting syndrome affected farms from Spain and Denmark
A Danish case-control study on risk factors for PMWS – bio security in the herd
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research

A Danish case-control study on risk factors for PMWS-biosecurity in the herd
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research › peer-review

Association between PMWS and PRRSV
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research

Avian Influenza in wild birds: Evaluation of the risk of transmission to swine
Research output: Book/Report › Report – Annual report year: 2006 › Research

Correlation between the presence of neutralizing antibodies against porcine circovirus 2 (PCV2) and protection against replication of the virus and development of PCV2-associated disease
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Effect of PMWS pig serum and PCV2 specific serum on mortality and weight gain in PMWS affected herds
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research

Isolation and genetic characterization of new reassortant H1N2 swine influenza a virus from pigs in Denmark
Research output: Contribution to conference › Poster – Annual report year: 2006 › Research › peer-review

Isolation and genetic characterization of new reassortant H1N2 swine influenza A virus from pigs in Denmark
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

New swine influenza A H1N2 re-assortment found in Danish swine
Research output: Contribution to conference › Paper – Annual report year: 2006 › Research › peer-review

New swine influenza A H1N2 reassortment found in Danish swine
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research

New swine influenza A H1N2 reassortment found in Danish swine
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research
Diagnostik af svineinfluenza og påvisning af ny subtype i Danmark
Larsen, L. E. & Bøtner, A., 2005
Research output: Other contribution › Net publication - Internet publication – Annual report year: 2005 › Research

Experimental reproduction of postweaning multisystemic wasting syndrome (PMWS) in pigs in Sweden and Denmark with a Swedish isolate of porcine circovirus type 2
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Revideret PMWS diagnostik
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research

Sammenhæng mellem besætningsforhold og PMWS sygdomsudbrud – forelæbige resultater
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research

Spatial and temporal patterns of pig herds diagnosed with Postweaning Multisystemic Wasting Syndrome (PMWS) during the first two years of its occurrence in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

A real-time RT-PCR SYBR Green-I assay for detection of porcine reproductive and respiratory syndrome virus
Research output: Contribution to conference › Poster – Annual report year: 2004 › Research › peer-review

Behandling med serum i PMWS besætninger
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2004 › Research

Behandling med serum i PMWS besætninger
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research

DFVF indfører en ny serologiske metode til undersøgelse for antistoffer mod PCV2 fra 1.12.04
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research

DNA vaccination of pigs with open reading frame 1-7 of PRRS virus
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Experimental airborne transmission of PRRS virus
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Immunisation against PCV2 structural protein by DNA vaccination of mice
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review
Influence of routes and administration parameters on antibody response of pigs following DNA vaccination
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Interlaboratory testing of porcine sera for antibodies to porcine circovirus type 2
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

PMWS: Experimental model and co-infections
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Rapport om laboratorieberedskabsøvelse vedrørende mund- og klovesyge
Research output: Book/Report › Report – Annual report year: 2004 › Research

Transmission of PMWS
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2004 › Research › peer-review

Airborne transmission of Porcine Reproductive and Respiratory Syndrome Virus between pig units located at close range
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2003 › Research › peer-review

Årsagsforhold ved svinesygdommen PMWS
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research

Association of lymphopenia with porcine circovirus type 2 induced postweaning multisystemic wasting syndrome (PMWS)
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

Characterisation of The First Cases of PMWS in Denmark
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2003 › Research › peer-review

Diagnostik og forekomst af PMWS
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research

DNA vaccination using porcine circovirus type 2 structural protein
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2003 › Research

Generation of an infectious clone of VR-2332, a highly virulent North American type isolate of porcine reproductive and respiratory syndrome virus
In utero infection with porcine reproductive and respiratory syndrome virus modulates leukocyte subpopulations in peripheral blood and bronchoalveolar fluid of surviving piglets

In utero infection with PRRSV affects immune functions of surviving piglets

Molecular epidemiology of PRRSV

PMWS og PRRS - Opdatering og aktuelt nyt

PMWS - status over viden og forskning

PMWS undersøgelse af smitteforhold

Serological profiles in Danish PMWS case and control herds

Serologiske profiler for PCV2 og PPV i danske besætninger med og uden Postweaning Multisystemic Wasting Syndrome (PMWS)

Serum Treatment to Prevent PMWS in Pigs Experimentally Infected with PCV2 and PRRSV

Sundhed og produktion hos svin i multisitesystemer

Airborne transmission of A. pleuropneumoniae and PRRS virus between pig units

Comparison of pathogenic effects of different PCV2 inocula on development of PMWS
Cytokine mRNA profiles in bronchoalveolar cells of piglets experimentally infected in utero with porcine reproductive and respiratory syndrome virus: Association of sustained expression of IFN-gamma and IL-10 after viral clearance
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Cytokine mRNA profiles in bronchoalveolar cells of piglets experimentally infected in utero with porcine reproductive and respiratory syndrome virus: Association of sustained expression of IFN-gamma and IL-10 after viral clearance
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Cytokine mRNA profiles in the lungs of piglets experimentally infected in utero with porcine reproductive and respiratory syndrome virus (PRRSV): Evidence for sustained expression of IFN-G and IL-10 after viral clearance from the lungs
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2002 › Research

Dyr som influenzareservoir
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research

Experimental inoculation of late term pregnant sows with a field isolate of porcine reproductive and respiratory syndrome vaccine-derived virus
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Influenza A virus i et zoonotisk perspektiv
Dybkær, K., Handberg, K. J., Munch, H., Bøtner, A. & Jørgensen, P. H., 2002, In : DANSK VETERINÆRTIDSSKRIFT. 85, 6, p. 6-10
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research

PMWS
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Communication

PMWS Hvordan stilles diagnosen Post Weaning Multisystemic Wasting Syndrome?
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research

PMWS. Hvordan stilles diagnosen Postweaning Multisystemic Wasting Syndrome
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research

PMWS i Danmark?
Research output: Other contribution › Net publication - Internet publication – Annual report year: 2002 › Research

PMWS status i Danmark
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2002 › Research

Porcine B-cells recognize epitopes that are conserved between the structural proteins of American- and European-type porcine reproductive and respiratory syndrome virus
Post Weaning Multisystemic Wasting Syndrome in Denmark
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research › peer-review

Postweaning Multisystemic Wasting Syndrome in Denmark

Post-weaning Multisystemic Wasting Syndrome (PMWS)
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research

Reproduction of postweaning multisystemic wasting syndrome (PMWS) in immunostimulated and non-immunostimulated 3-week-old piglets experimentally infected with porcine circovirus type 2 (PCV2)
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Status på PMWS situationen i Danmark
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research

The genetic diversity of European type PRRSV is similar to that of the North American type but is geographically skewed within Europe
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

A field case of transplacental infection with PCV-2 associated with reproductive failure
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

A molecular clock dates the common ancestor of European-type porcine reproductive and respiratory syndrome virus at more than 10 years before the emergence of disease
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Epitope mapping porcine reproductive and respiratory syndrome virus by phage display: the nsp2 fragment of the replicase polyprotein contains a cluster of B-cell epitopes
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Epitope mapping Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) by phage display: The nsp2 fragment of the replicase polyprotein contains a cluster of B-cell epitopes
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review
Reproduction of PMWS in immunostimulated and non-immunostimulated conventional 3-week-old piglets experimentally infected with PCV2
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2001 › Research

Reversion of a live porcine reproductive and respiratory syndrome virus vaccine investigated by parallel mutations
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

RNA recombination in Porcine Reproductive and Respiratory Syndrome Virus is restricted to parental sequences with high similarity
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

RT-PCR til påvisning af porcin reproduktions- og respirationssygdom virus (PRRSV) i ornesæd: Slutrapport for Analyse af prøver fra Danske Slagteriers PRRS smitteforsøg på forsøgsstation Sdr. Rind
Storgaard, T., Bøtner, A. & Oleksiewicz, M. B., 2001
Research output: Book/Report › Report – Annual report year: 2001 › Research

Semen from boars infected with porcine reproductive and respiratory syndrome virus (PRRSV) contains antibodies against structural as well as nonstructural viral proteins
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Transplacental infection with PCV-2 associated with reproductive failure in a gilt
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

A longitudinal study of serological patterns of respiratory infections in nine infected Danish swine herds
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Circovirus og PMWS – hvor står vi
Bøtner, A., 2000, In : DVHS efterårs møde. p. 0-16
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2000 › Research

Designing serological surveillance programmes to document freedom from disease with special reference to exotic viral diseases of pigs in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Designing serological surveillance programmes to document freedom from disease with special reference to exotic viral diseases in pigs in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review
Diagnostik vedrørende porcint circovirus type 2
Bøtner, A., 2000, In : SVS/SVIV Information. 71, p. 5-6
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research

Distinction between infections with European and American/vaccine type PRRS virus after vaccination with a modified-live PRRS virus vaccine
Bøtner, A., Strandbygaard, B., Sørensen, K. J., Oleksiewicz, M. B. & Storgaard, T., 2000, In : Veterinary Research. 31, 1, p. 72-73
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Emergence of porcine reproductive and respiratory syndrome virus deletion mutants: Correlation with the porcine antibody response to a hypervariable site in the ORF 3 structural glycoprotein
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Maximum likelihood and Gibbs sampling estimation of sensitivity and specificity of a blocking ELISA and two immune peroxidase assays for measuring antibodies against PRRS-virus
Barfod, K., Enøe, C., Bøtner, A. & Strandbygaard, B., 2000
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2000 › Research

Molekylærepidemiologisk udredning af PRRSV udbrudet i Europa
Storgaard, T., Oleksiewicz, M. & Bøtner, A., 2000, SVS/SVIV.
Research output: Book/Report › Report – Annual report year: 2000 › Research

Post-weaning multisystemic wasting syndrome: Besætninger med PMWS-symptomer søges
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research

Post-weaning Multisystemic Wasting Syndrome, PMWS
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research

Post-weaning Multisystemic Wasting Syndrome (PMWS) og circovirus type 2
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2000 › Research

Transfer of pathogens from sows to offspring
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Transfer of pathogens from sows to offspring
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2000 › Research

A live PRRSV vaccine: Mutations associated with attenuation and virulence
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1999 › Research
PRRS overvågning på kødsaftprøver fra svinebesætninger
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research

Status vedrørende circovirus infektioner i Danmark
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1999 › Research

Virusssygdomme hos svin. PPV, PRRS, svineinfluenza og porcint circovirus
Bøtner, A., 1999
Research output: Book/Report › Compendium/lecture notes – Annual report year: 1999 › Education

Blocking ELISA's for the distinction between antibodies against European and American strains of porcine reproductive and respiratory syndrome (PRRS) virus
Sørensen, K. J., Strandbygaard, B., Bøtner, A., Madsen, E. S., Nielsen, J. & Have, P., 1998, In : Veterinary Microbiology. 60, 2-4, p. 169-177
Research output: Contribution to journal › Journal article – Annual report year: 1998 › Research › peer-review

Epidemiology of PRRS in Danish pig herds
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1998 › Research › peer-review

Erfaringer vedrørende Porcint circovirus i danske svinebesætninger og Piglet Wasting Disease eller Post-weaning Multisystemic Wasting Syndrome
Bøtner, A., 1998, In : SVS/SVIV Information. 61, p. 6-8
Research output: Contribution to journal › Journal article – Annual report year: 1998 › Research

Esperienza Danese sull'impiego di un vaccino PRRS vivo modificato nel contesto di un programma di controllo della PRRS - The Danish experience with use of a live modified PRRS vaccine in a PRRS control programme
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1998 › Research

Experimental inoculation of late-term pregnant sows with a field isolate of PRRS vaccine-like virus
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1998 › Research › peer-review

Experimental inoculation of swine at various stages of gestation with a Danish isolate of porcine reproductive and respiratory syndrome virus (PRRSV)
Kranker, S., Nielsen, J., Bille-Hansen, V. & Bøtner, A., 1998, In : Veterinary Microbiology. 61, 1-2, p. 21-31
A case-control questionnaire survey of risk factors for Porcine Reproductive and Respiratory Syndrome (PRRS) seropositivity in Danish swine herds  
Mousing, J., Permin, A., Mortensen, S., Bøtner, A. & Willeberg, P., 1997, In : Veterinary Microbiology. 55, 1-4, p. 323-328 
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Appearance of acute PRRS-like symptoms in sow herds after vaccination with a modified live PRRS vaccine  
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Appearance of acute PRRS-like symptoms in sow herds after vaccination with a modified live PRRS vaccine  
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1997 › Research › peer-review

Diagnosis of PRRS  
Bøtner, A., 1997, In : Veterinary Microbiology. 55, 1-4, p. 295-301 
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research

Eksperimentel infektion af drægtige søer med et vaccinevirus-lignende markisolat af PRRS-virus - et pilotforsøg  
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research

Erfaring fra den rullende afprøvning. Vaccination mod PRRS i sobesætninger  
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research

Evaluation of a blocking ELISA for screening of antibodies against porcine reproductive and respiratory syndrome (PRRS) virus  
Sørensen, K. J., Bøtner, A., Madsen, E. S., Strandbygaard, B. & Nielsen, J., 1997, In : Veterinary Microbiology. 56, 1-2, p. 1-8 
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Examination of virus shedding in semen from vaccinated and from previously infected boars after experimental challenge with porcine reproductive and respiratory syndrome virus  
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Hematological and immunological parameters of 4-1/2-month-old pigs infected with PRRS virus  
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

Ny PPV-antistof ELISA  
Bøtner, A. & Smedegaard, E., 1997, In : SVS/SVIV Information. 57, p. 3-4 
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research

Orientering om PRRS  
Bøtner, A., 1997, In : SVS/SVIV Information. 56, p. 11-15 
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research
Porcin reproduktions- og respirationssygdom (PRRS)
Bøtner, A., Nielsen, J., Storgaard, T. & Strandbygaard, B., 1997, SVS/SVIV.
Research output: Book/Report › Report – Annual report year: 1997 › Research

Serologiske besætningsprofiler: PRRS, influenza. Pfizer symposium, Kontrol af luftvejslidelser hos svin i fremtidens produktionssystemer
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research

Spread of PRRS vaccine virus to non-vaccination swine herds in Denmark
Research output: Contribution to conference › Poster – Annual report year: 1997 › Research

Spread of PRRS vaccine virus to non-vaccination swine herds in Denmark
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1997 › Research

Vaccination mod PRRS i sobesætninger
Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research

Varighed af immunitet i orner efter vaccination med en levende attenueret PRRS-virus vaccine
Research output: Book/Report › Report – Annual report year: 1997 › Research

Examination of virus shedding in semen from vaccinated and previously infected boars after experimental challenge with Porcine Reproductive and Respiratory Syndrome virus
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1996 › Research › peer-review

PRRS-serologi
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 1996 › Research

PRRS-serologi og erfaringer med PRRS vaccination i Danmark
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 1996 › Research

PRRS spredning af vaccinevirus
Bøtner, A., Strandbygaard, B., Have, P., Sørensen, K. J., Madsen, K. G. & Madsen, E. S., 1996, SVS/SVIV.
Research output: Book/Report › Report – Annual report year: 1996 › Research

PRRS-Sygdommen og vaccine
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 1996 › Research

PRRS-Sygdommen og vaccinen
Bøtner, A., 1996, In : Veterinærfaglige debatmøder om PRRS.
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 1996 › Research

Spredning af PRRS-vaccine-virus
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research
Spredning af PRRS-vaccine-virus fra vaccinerede til uvaccinerede grise
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research

Undersøgelse af sæd for dansk PRRS-virus og PRRS-vaccine-virus
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research

Undersøgelse for udskillelse af PRRS-virus i sæd fra vaccinerede og tidligere inficerede, seropositive orner efter eksperimentel smitte med et dansk PRRS-virusisolat
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

Analysis of a portion of the mitochondrial gene for the large subunit ribosomal RNA from Pneumocystis carinii isolated from Danish pigs
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1995 › Research › peer-review

Analysis of a portion of the mitochondrial gene for the large subunit ribosomal RNA from Pneumocystis carinii isolated from Danish pigs
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1995 › Research › peer-review

Examination of PRRS-virus-shedding in semen from vaccinated and non-vaccinated boars
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1995 › Research

Influence of parental MHC class I on survival of offspring from sows naturally infected with PRRS-virus
Research output: Contribution to conference › Poster – Annual report year: 1995 › Research

Ny ELISA til påvisning af antistof mod PRRS-virus
Research output: Contribution to journal › Journal article – Annual report year: 1995 › Research

PPRS
Research output: Book/Report › Report – Annual report year: 1995 › Research

PRRS-spredning har taget fart i Danmark
Research output: Contribution to journal › Journal article – Annual report year: 1995 › Research

Serologiske undersøgelser for PRRS
Bøtner, A., 1995, In : SVS/SVIV Information. p. 2-4
Research output: Contribution to journal › Journal article – Annual report year: 1995 › Research

Undersøgelse af RespPRRS-vaccine i orner. Udskillelse af PRRS-virus i sæd
Bøtner, A. & Nielsen, T. L., 1995
Research output: Book/Report › Report – Annual report year: 1995 › Research
Undersøgelse for forekomst af PRRS-virus i ornesæd fra vaccinerede og ikke vaccinerede samt tidligere PRRS-inficerede, seropositive orner efter challenge med et dansk PRRS-virus isolat

Betner, A. & Nielsen, T. L., 1995
Research output: Book/Report › Report – Annual report year: 1995 › Research

Challenge study with swine influenza virus subtype H1N1 (A/Denmark/19126/93) after vaccination with swine influenza vaccine Derflu

Have, P. & Betner, A., 1994
Research output: Book/Report › Report – Annual report year: 1994 › Research

Challenge study with swine influenza virus subtype H1N1 (A/Denmark/19126/93) after vaccination with swine influenza vaccine Griporiffa

Have, P. & Betner, A., 1994
Research output: Book/Report › Report – Annual report year: 1994 › Research

Challenge study with swine influenza virus subtype H3N2 (A/Denmark/15027/90) after vaccination with swine influenza vaccine Derflu

Have, P. & Betner, A., 1994
Research output: Book/Report › Report – Annual report year: 1994 › Research

Danske erfaringer med serologiske undersøgelser for PRRS og nyt vedrørende PRRS vacciner

Research output: Contribution to journal › Conference abstract in journal – Annual report year: 1994 › Research

Diagnostik vedrørende PRRS

Research output: Contribution to journal › Journal article – Annual report year: 1994 › Research › peer-review

En undersøgelse af kliniske symptomer, serologiske profiler, produktions- samt økonomisk betydning af PRRS i klinisk udbredte i særdeles besættede: Projekt "Syd"

Research output: Book/Report › Report – Annual report year: 1994 › Research › peer-review

Experimental infection of minipigs with porcine reproductive and respiratory syndrome (PRRS) virus

Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1994 › Research

Isolation of porcine reproductive and respiratory syndrome (PRRS) virus in a Danish swine herd and experimental infection of pregnant gilts with the virus

Betner, A., Nielsen, J. & Bille-Hansen, V., 1994, In : Veterinary Microbiology. 40, 3-4, p. 351-360
Research output: Contribution to journal › Journal article – Annual report year: 1994 › Research › peer-review

Large scale screening for PRRS in Denmark

Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1994 › Research

Påvisning af antistof mod PRRS-virus

Research output: Book/Report › Report – Annual report year: 1994 › Research

PRRS i Danmark - Sønderjylland er hårdest ramt

Betner, A., 1994, In : Hyologisk. 2, 8
Research output: Contribution to journal › Journal article – Annual report year: 1994 › Research
Svineinfluenza
Betnæ, A., 1994, In: Veterinær information. 6
Research output: Contribution to journal › Journal article – Annual report year: 1994 › Research

Udbredelsen af PRRS i Danmark
Research output: Contribution to journal › Journal article – Annual report year: 1994 › Research

Virologiske risici ved anvendelse af husdyrgødning og affald
Research output: Book/Report › Report – Annual report year: 1994 › Research

Aujeszky's sygdom: Epizootiologiske og meteorologiske forhold i vintrene 1990/91 og 1991/92
Research output: Contribution to journal › Journal article – Annual report year: 1993 › Research › peer-review

Further evidence of long distance airborne transmission of Aujeszky's disease (pseudorabies) virus
Research output: Contribution to journal › Journal article – Annual report year: 1993 › Research › peer-review

Porcine Reproductive and Respiratory Syndrome (PRRS) in Denmark
Research output: Contribution to conference › Conference abstract in journal – Annual report year: 1993 › Research

Production of porcine parvovirus empty capsids in a recombinant baculovirus/insect cell system. A candidate vaccine
Research output: Contribution to conference › Poster – Annual report year: 1993 › Research

Status vedrørende PRRS
Betnæ, A., 1993, In: DVHS. 18-21
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 1993 › Research

Virusinfektioner som årsag til reproduktions- forstyrrelser hos svin - herunder serologiske aspekter
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1993 › Research

Virus og diagnostik af virusinfektioner
Betnæ, A., 1993, In: DVHS.
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 1993 › Research

Virus screening of a bovine in vitro embryo production system
Research output: Contribution to journal › Journal article – Annual report year: 1993 › Research › peer-review

Porcin reproduktions- og respirationssygdom (PRRS)
Research output: Book/Report › Report – Annual report year: 1992 › Research
Porcin Reproduktions- og Respirationssygdom virus
Research output: Contribution to conference › Poster – Annual report year: 1992 › Research

Aujeszky’s sygdom: En epizootiologisk vurdering af udbrud-dene i perioden december 1989 - juli 1990
Research output: Contribution to journal › Journal article – Annual report year: 1991 › Research › peer-review

Inactivation of Aujeszky's disease virus in slurry at various temperatures
Betnæ, A., 1991, In : Veterinary Microbiology. 29, 3-4, p. 225-235
Research output: Contribution to journal › Journal article – Annual report year: 1991 › Research › peer-review

The seal death i Danish waters. 2. Virological studies
Research output: Contribution to journal › Journal article – Annual report year: 1991 › Research › peer-review

Modelstudier vedrørende overlevelse af virus i gylle under traditionel opbevaring og under udrådning i biogasanlæg
Research output: Book/Report › Report – Annual report year: 1990 › Research

Infection studies in mink with seal-derived morbillivirus
Research output: Contribution to journal › Journal article – Annual report year: 1989 › Research › peer-review

Virological studies of seal death in Denmark
Research output: Contribution to conference › Poster – Annual report year: 1989 › Research

Bovine rota- og coronavirus. Specielt laboratorie-diagnostik og adaptering af virus til cellekulturer
Betnæ, A., 1984

Examination of rotavirus from bovine and porcine species by Western blotting
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 1984 › Research › peer-review

Studies on the growth of bovine rotavirus in cell cultures
Research output: Contribution to journal › Journal article – Annual report year: 1984 › Research › peer-review

An outbreak of excessive neonatal mortality in four Danish mink farms. I. Descriptive epidemiological investigations
Research output: Contribution to journal › Journal article – Annual report year: 1983 › Research › peer-review
An outbreak of excessive neonatal mortality in four Danish mink farms. II. Analytic epidemiological investigations
Research output: Contribution to journal › Journal article – Annual report year: 1983 › Research › peer-review