Claes Enøe - DTU Orbit (04/02/2018)
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National Veterinary Institute - Senior Researcher, Former

Publications:

Semiquantitative Decision Tools for FMD Emergency Vaccination Informed by Field Observations and Simulated Outbreak Data
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Comparison of Dynamics in Two Models for the Spread of a Vector-Borne Disease
Publication: Research - peer-review › Journal article – Annual report year: 2016

Vector-borne disease surveillance in livestock populations: a critical review of literature recommendations and implemented surveillance (BTV-8) in five European countries
Publication: Research - peer-review › Journal article – Annual report year: 2016

Challenges for bovine viral diarrhoea virus antibody detection in bulk milk by antibody enzyme-linked immunosorbent assays due to changes in milk production levels
Publication: Research - peer-review › Journal article – Annual report year: 2015

Weaner production with low antimicrobial usage: a descriptive study
Publication: Research - peer-review › Journal article – Annual report year: 2015

A Comparison between Two Simulation Models for Spread of Foot-and-Mouth Disease
Publication: Research - peer-review › Journal article – Annual report year: 2014

Optimal vaccination strategies against vector-borne diseases
Publication: Research - peer-review › Journal article – Annual report year: 2014

Quantitative assessment of the risk of introduction of bovine viral diarrhea virus in Danish dairy herds
Publication: Research - peer-review › Journal article – Annual report year: 2014

Stochastic simulation modeling to determine time to detect Bovine Viral Diarrhea antibodies in bulk tank milk
Publication: Research - peer-review › Journal article – Annual report year: 2014
Comparing control strategies against foot-and-mouth disease: Will vaccination be cost-effective in Denmark?
Publication: Research - peer-review › Journal article – Annual report year: 2013

Concentrating antibodies towards BVDV from milk
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Decisions on control of foot-and-mouth disease informed using model predictions
Publication: Research - peer-review › Journal article – Annual report year: 2013

Decisions on foot-and-mouth disease control informed by model prediction
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Experimental Airborne Transmission of Porcine Postweaning Multisystemic Wasting Syndrome
Publication: Research - peer-review › Journal article – Annual report year: 2013

Hvad mælken gemmer
Utenthal, Å., Hansen, F., Foddai, A., Enøe, C., Krogh, K. & Rattenborg, E. 2013 In : Dyrlægen. 6, 1, p. 28-29
Publication: Research › Journal article – Annual report year: 2013

Optimal vaccination scenarios against vector-borne diseases
Græsbøll, K., Enøe, C., Bødker, R. & Christiansen, L. E. 2013
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

PMWS Development in Pigs from Affected Farms in Spain and Denmark
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Simulated effects of changes in herd sizes and densities with regard to fmd outbreaks in Denmark
Boklund, A., Christiansen, L. E., Hisham Beshara Halasa, T. & Enøe, C. 2013
Publication: Research - peer-review › Poster – Annual report year: 2013

Comparison of different control strategies on FMD in Denmark
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Consequence of changes in herd size and densities for the contingency planning
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Infectious risk factors for individual postweaning multisystemic wasting syndrome (PMWS) development in pigs from affected farms in Spain and Denmark
Influence of livestock markets on the spread of FMD
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Ingen vil betale for forsikringen
Publication: Communication › Newspaper article – Annual report year: 2012

Input parameters in the models
Boklund, A., Hisham Beshara Halasa, T., Christiansen, L. E. & Enøe, C. 2012
Publication: Research - peer-review › Sound/Visual production (digital) – Annual report year: 2012

Meta-analysis on the efficacy of foot-and-mouth disease emergency vaccination
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Modelling spread of Bluetongue and other vector borne diseases in Denmark and evaluation of intervention strategies
Publication: Research › Ph.D. thesis – Annual report year: 2013

Model's comparison
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Meta-analysis on the efficacy of foot-and-mouth disease emergency vaccination
Hisham Beshara Halasa, T., Boklund, A. & Enøe, C. 2012
Publication: Research - peer-review › Sound/Visual production (digital) – Annual report year: 2012

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Comparison of foot-and-mouth disease simulation models
Publication: Research - peer-review › Sound/Visual production (digital) – Annual report year: 2012

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Comparison of different control strategies on FMD in Denmark
Boklund, A., Hisham Beshara Halasa, T., Christiansen, L. E. & Enøe, C. 2012
Publication: Research - peer-review › Sound/Visual production (digital) – Annual report year: 2012

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Influence of livestock markets on spread of FMD
Boklund, A., Hisham Beshara Halasa, T., Christiansen, L. E. & Enøe, C. 2012
Publication: Research - peer-review › Sound/Visual production (digital) – Annual report year: 2012

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Consequences of changes in herd sizes and densities for the contingency planning
Optimizing the control of foot-and-mouth disease in Denmark by simulation – introduction
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Optimizing the control of foot-and-mouth disease in Denmark by simulation – the project outline
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Predicting the structural development in Danish livestock and how it affects control strategies against FMD
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Simple decision tools to help optimize the control strategy 2 weeks into a Danish FMD epidemic
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Simulated Effects of Introducing Emergency Vaccination or Depopulation During FMD Outbreaks in Denmark
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Simulating spread of Bluetongue Virus by flying vectors between hosts on pasture
Publication: Research - peer-review › Journal article – Annual report year: 2012

Simulation of the influence of Danish cattle markets on a Foot-and-Mouth epidemic
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Simuleringsstudier af konsekvenser af mund- og klovesyge i Danmark
Boklund, A., Hisham Beshara Halasa, T. & Enøe, C. 2012
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

How does increasing immunity change spread kernel parameters in subsequent outbreaks? – A simulation study on Bluetongue Virus
Græsbøll, K., Bødker, R., Enøe, C. & Christiansen, L. E. 2011
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

Meta-analysis on the efficacy of foot-and-mouth disease emergency vaccination
Publication: Research - peer-review › Journal article – Annual report year: 2011

Temperatur som en faktor i sundhedsovervågningen
Publication: Communication › Journal article – Annual report year: 2011

Antimicrobial use in Danish pig herds with and without postweaning multisystemic wasting syndrome
Jensen, V. F., Enøe, C., Wachmann, H. & Nielsen, E. O. 2010 In : Preventive Veterinary Medicine. 95, 3-4, p. 239-247
Publication: Research - peer-review › Journal article – Annual report year: 2010
A study on the applicability of implantable microchip transponders for body temperature measurements in pigs
Publication: Research - peer-review › Journal article – Annual report year: 2010

Geo-locating cattle using EU databases
Græsbøll, K., Bedker, R., Enøe, C. & Christiansen, L. E. 2010
Publication: Research - peer-review › Poster – Annual report year: 2010

Increasing the resolution of Bluetongue spatial modelling - from cattle farms to cattle in fields
Græsbøll, K., Bedker, R., Christiansen, L. E. & Enøe, C. 2010
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2010

Infectious risk factors for postweaning multisystemic wasting syndrome (PMWS) development
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Simulating the spread of Bluetongue virus – Focused on the effects of spatial distribution of cattle
Græsbøll, K., Bedker, R., Christiansen, L. E., Enøe, C. & Kirkeby, C. 2010
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2010

Svinepestovervågningen i Danmark - kan vi gøre det bedre?
Lohse, L., Uttenthal, Á., Hansen, M. S., Boklund, A., Enøe, C., Sten, M., Jan, D. & Nielsen, J. 2010 In : Dansk Veterinaertidsskrift. 19, p. 16-17
Publication: Communication › Journal article – Annual report year: 2010

Tidlig varsel af sygdom med microchip transponder
Lohse, L., Nielsen, J., Enøe, C. & Uttenthal, Á. 2010 In : Dansk Veterinaertidsskrift. 93, 23, p. 12-14
Publication: Communication › Journal article – Annual report year: 2010

Association between land cover and Culicoides (Diptera: Ceratopogonidae) breeding sites on four Danish cattle farms
Publication: Research - peer-review › Journal article – Annual report year: 2009

Implantable microchip transponders for body temperature measurements in pigs
Lohse, L., Uttenthal, Å., Enøe, C. & Nielsen, J. 2009
Publication: Research › Conference abstract for conference – Annual report year: 2009

Induction of porcine post-weaning multisystemic wasting syndrome (PMWS) in pigs from PMWS unaffected herds following mingling with pigs from PMWS-affected herds
Publication: Research - peer-review › Journal article – Annual report year: 2009

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
Publication: Research - peer-review › Journal article – Annual report year: 2009

Inter-laboratory and inter-assay comparison on two real-time PCR techniques for quantification of PCV2 nucleic acid extracted from field samples
Comparison of two quantitative PCR techniques for porcine circovirus Type 2 (PCV2) nucleic acid in field samples

Computermodeller bremser mund- og klovesyge

Dynamics of porcine circovirus type 2 infection and excretion in pigs from postweaning multisystemic wasting syndrome affected farms from Spain and Denmark

Hepatitis E. virus is prevalent in the Danish pig population

PMWS smitter via luften

Postweaning multisystematic wasting syndrome in Danish pig herds: productivity, clinical signs and pathology

Post-weaning multisystemic wasting syndrome (PMWS) in Danish pig herds: productivity, clinical symptoms, and pathology

Airborne transmission of PMWS between pig units located at close range

Dynamics in PMWS positive herds

Pathology and diagnosis of PMWS in a Danish case – control study

Pathology and Diagnosis of PMWS in a Danish Case-Control Study
PCV2 dynamics in PMWS positive Herds
Publication: Research › peer-review › Paper – Annual report year: 2007

Seological testing for Porcine circovirus type 2 in Danish pig herds with and without PMWS
Publication: Research › Conference abstract for conference – Annual report year: 2007

A Danish case-control study on risk factors for PMWS – bio security in the herd

Association between PMWS and PRRSV
Proceeding of the 19th International Pig Veterinary Congress. 174 p.
Publication: Research › Article in proceedings – Annual report year: 2006

New swine influenza A H1N2 re-assortment found in Danish swine
Publication: Research › Conference abstract for conference – Annual report year: 2006

PMWS in Denmark: Epidemiology, diagnosis and control
Publication: Research › Book chapter – Annual report year: 2006

PMWS - Laboratory Diagnosis on Herd and Pig Level in a Danish Case-Control Study
Proceeding of the 19th International Pig Veterinary Congress. 270 p.
Publication: Research › Article in proceedings – Annual report year: 2006

PMWS-laboratory diagnosis on herd and pig level in a Danish case-study
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2006
Projects:

Sammenhæng mellem besætningsforhold og PMWS sygdomsudbrud – foreløbige resultater
Publication: Research › Journal article – Annual report year: 2006

The effects of PMWS on productivity and clinical expression on Danish herds from a case-control study
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2006

Transmission of PMWS between pen mates
Publication: Research › Conference abstract for conference – Annual report year: 2006

Revideret PMWS diagnostik
Publication: Research › Journal article – Annual report year: 2005

Sammenhæng mellem besætningsforhold og PMWS sygdomsudbrud – foreløbige resultater
Publication: Research › Journal article – Annual report year: 2005

Use of a novel serum ELISA method and the tonsil-carrier state for evaluation of Mycoplasma hyosynoviae distributions in pig herds with or without clinical arthritis
Publication: Research - peer-review › Journal article – Annual report year: 2005

Infectious and rearing-system related risk factors for chronic pleuritis in slaughter pigs
Publication: Research - peer-review › Journal article – Annual report year: 2002

Estimation of sensitivity, specificity and predictive values of two serologic tests for the detection of antibodies against Actinobacillus pleuropneumoniae serotype 2 in the absence of a reference test (gold standard)
Enøe, C., Andersen, S., Sørensen, V. & Willeberg, P. 2001 In : Preventive Veterinary Medicine. 51, 3-4, p. 227-243
Publication: Research - peer-review › Journal article – Annual report year: 2001

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
Publication: Research › Conference abstract for conference – Annual report year: 2000

Estimation of the sensitivity and specificity of two diagnostic test for the detection of antibodies against Actinobacillus pleuropneumoniae serotype 2 in pigs by maximum-likelihood-estimation and Gibbs-sampling
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Evaluation of a polyclonal blocking ELISA and a complement fixation test detecting antibodies to Actinobacillus pleuropneumoniae serotype 2 in pig serum
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Projects:
Evaluation of current and future strategies for risk-based early warning and detection of known and unknown vector-borne threats
Enøe, C.
01/12/2012 → 31/12/2013
Project

Modelling spread of Bluetongue and other vector borne diseases in Denmark and evacuation of intervention strategies
01/01/2010 → 22/03/2013
Project: PhD

Optimering af sygdomsovervågning i kvægbruget
Enøe, C. & Rattenborg, E.
01/01/2010 → 31/12/2012
Project

Development, enhancement and complementation of animal-sparing, foot-and-mouth disease vaccine-based control strategies for free and endemic regions
01/04/2009 → 30/06/2012
Project

Dyrevelfærder i husdyrbesætninger: Et samspil mellem husdyrbruger og myndigheder
Sørensen, J. T., Vaarst, M., Nielsen, T. R., Bonde, M., Thomsen, P. T., Houe, H., Ersbøll, A. K., Sandøe, P., Christensen, T., Jensen, K. K., Mørkbak, M., Enøe, C. & Vigre, H.
01/01/2009 → 31/12/2012
Project

Styrkelse af det videnmæssige beredskab overfor svinepest
Uttenthal, Å., Lohse, L., Nielsen, J., Rasmussen, T. B., Enøe, C., Mortensen, S. & Boklund, A.
01/04/2008 → 31/03/2011
Project

Optimizing the control of foot-and-mouth disease in Denmark by simulation
01/01/2008 → 31/12/2011
Project

Activities:

Antimicrobial use in pig herds with and without Post-weaning Multisystemic Wasting Syndrome
Enøe, C. (Speaker)
1 Jan 2006 → …
Activity: Talks and presentations → Conference presentations