Nils Toft - DTU Orbit (06/05/2019)
Toft, Nils

Research outputs:

Effects of control measures on the spread of LA-MRSA among Danish pig herds between 2006 and 2015 – a simulation study
Schulz, J., Boklund, A., Toft, N. & Halasa, T., 1 Dec 2019, In : Scientific Reports. 9, 1, 9 p., 691.
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Continuing occurrence of vancomycin resistance determinants in Danish pig farms 20 years after removing exposure to avoparcin
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Low accuracy of Bayesian latent class analysis for estimation of herd-level true prevalence under certain disease characteristics—An analysis using simulated data
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Outcomes From Using Mortality, Antimicrobial Consumption, and Vaccine Use Data for Monitoring Endemic Diseases in Danish Swine Herds
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Analysis of the dynamics of Staphylococcus aureus in two Danish dairy cattle herds
Research output: Contribution to conference › Poster – Annual report year: 2018 › Research › peer-review

Building the foundation for veterinary register-based epidemiology: A systematic approach to data quality assessment and validation
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Can we detect outbreaks at herd-level earlier when combining multiple data sources?
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2018 › Research › peer-review

Cost of LA-MRSA Eradication From Danish Pig Herds
Research output: Contribution to conference › Poster – Annual report year: 2018 › Research › peer-review

Diagnostiske undersøgelser af luftvejsinfektioner og antibiotikabehandling af kalve
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research

Drivers for Livestock-Associated Methicillin-Resistant Staphylococcus Aureus Spread Among Danish Pig Herds - A Simulation Study
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review
Mortality in Danish Swine herds: Spatio-temporal clusters and risk factors
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Network analysis of pig movements: Loyalty patterns and contact chains of different holding types in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Opportunities and challenges when pooling milk samples using ELISA
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Reporting guidelines for diagnostic accuracy studies that use Bayesian latent class models (STARD-BLCM)
Research output: Contribution to journal › Comment/debate – Annual report year: 2017 › Research › peer-review

Risk factors associated with spatio-temporal clusters of high mortality in Danish swine herds
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

Risk factors associated with spatio-temporal clusters of high mortality in Danish swine herds
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

Sampling pig farms at the abattoir in a cross-sectional study – Evaluation of a sampling method
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Simulating control of paratuberculosis in Danish dairy herds
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

Spatial patterns of antimicrobial resistance genes in a cross-sectional sample of pig farms with indoor non-organic production of finishers
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

STARD-BLCM: Standards for the Reporting of Diagnostic accuracy studies that use Bayesian Latent Class Models
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Treatment Patterns for Mastitis in Danish Dairy Cattle Farms
Research output: Contribution to conference › Poster – Annual report year: 2017 › Research › peer-review

What tools are useful for monitoring endemic diseases? A simulation study based on different time-series components.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review
Dynamic generalized linear models for monitoring endemic diseases: moving beyond univariate process monitoring control algorithms
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research

Early warning of diarrhea and pen fouling in growing pigs using sensor-based monitoring
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2016 › Research › peer-review

Improving productivity in growing pigs by combining specific and non-specific monitoring
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review

Improving productivity in growing pigs by combining specific and non-specific monitoring
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2016 › Research › peer-review

Livestock-associated MRSA in the Danish cattle production
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review

Microclimate temperature play a vital role for vector borne disease transmission in the cool Scandinavian climates
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2016 › Research › peer-review

Modeling the growth dynamics of multiple Escherichia coli strains in the pig intestine following intramuscular ampicillin treatment
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Models to Estimate Lactation Curves of Milk Yield and Somatic Cell Count in Dairy Cows at the Herd Level for the Use in Simulations and Predictive Models
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review
The role of cattle movement in determining the incidence risk of *Mycoplasma bovis* in Danish dairy herds between 2013-2014
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review

Towards control of LA-MRSA - Simulation modeling of LA-MRSA spread between pig farms
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review

What to look for when monitoring animal diseases?
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review

A Bayesian herd-level diagnostic test evaluation - *Mycoplasma bovis*
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

A comparison of 2 screening questionnaires for clinical assessment of canine cognitive dysfunction
Schütt, T., Toft, N. & Berendt, M., 2015, In : Journal of Veterinary Behavior. 10, 6, p. 452-458
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

A multi-dimensional dynamic linear model for monitoring slaughter pig production
Research output: Contribution to conference › Paper – Annual report year: 2016 › Research › peer-review

A space-time analysis of *Mycoplasma bovis* in Denmark
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

Big Data fra jord til bord
Research output: Book/Report › Report – Annual report year: 2015 › Communication

Changing medication method influences total amount of administered antimicrobials
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

Cognitive Function, Progression of Age-related Behavioral Changes, Biomarkers, and Survival In Dogs More Than 8 Years Old
Schütt, T., Berendt, M. & Toft, N., 2015, In : Journal of Veterinary Internal Medicine. 29, 6, p. 1569-1577
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Comparison of individual and pooled samples for quantification of antimicrobial resistance genes in swine feces by high-throughput qPCR
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

Comparison of individual and pooled samples for quantification of antimicrobial resistance genes in swine feces by high-throughput qPCR
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review
iCull – A bioeconomic model for herd management and disease control
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research

Improving the Effect and Efficiency of FMD Control by Enlarging Protection or Surveillance Zones
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Latent class analysis of bulk tank milk PCR and ELISA testing for herd level diagnosis of Mycoplasma bovis
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Mean effective sensitivity for Mycobacterium avium subsp paratuberculosis infection in cattle herds
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Monitoring PRRS based on laboratory submissions: a simulation study to evaluate detection algorithms performance
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Monitoring PRRS based on laboratory submissions: A simulation study to evaluate detection algorithms performance.
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

Monitoring PRRS sero-prevalence in Danish breeding herds: Evaluation of algorithms performance
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review

Persistent Spatial Clusters of Prescribed Antimicrobials among Danish Pig Farms - A Register-Based Study
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Pharmacodynamic modelling of in vitro activity of tetracycline against a representative, naturally occurring population of porcine Escherichia coli
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Pharmacokinetic-Pharmacodynamic Model To Evaluate Intramuscular Tetracycline Treatment Protocols To Prevent Antimicrobial Resistance in Pigs
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Planning a cross-sectional study of antimicrobial resistance genes in Danish pig farms
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research › peer-review
Weaner production with low antimicrobial usage: a descriptive study
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Within- and between-herd prevalence variation of Mycobacterium avium subsp. paratuberculosis infection among control programme herds in Denmark (2011-2013)
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Activities preceding a decline in the paratuberculosis test prevalence
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research › peer-review

Association of MAP specific ELISA-responses and productive parameters in 314 Danish dairy farms
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Association of map specific ELISA-responses and productive parameters in 367 danish dairy farms
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review

Bulk tank milk ELISA for detection of antibodies to Mycobacterium avium subsp paratuberculosis: Correlation between repeated tests and within-herd antibody-prevalence
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Dynamic monitoring of weight data at the pen vs at the individual level
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research › peer-review

Erratum: Apparent prevalence of beef carcasses contaminated with mycobacterium avium subsp. paratuberculosis sampled from danish slaughter cattle (Veterinary Medicine International)
Research output: Contribution to journal › Comment/debate – Annual report year: 2014 › Research › peer-review

Handheld mechanical nociceptive threshold testing in dairy cows - intra-individual variation, inter-observer agreement and variation over time
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

iCull - a herd-specific tool for financial evaluation of the impact of paratuberculosis
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review
A Longitudinal Study of Survival in Belgian Shepherds with Genetic Epilepsy
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Annual Incidence, prevalence and transmission characteristics of Streptococcus agalactiae in Danish dairy herds
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Anxiety in veterinary surgical students: a quantitative study
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Databases in Denmark: oppotunities and constraints for welfare assessments
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research › peer-review

Ecological determinants of highly pathogenic avian influenza (H5N1) outbreaks in Bangladesh
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Effect of days in milk and milk yield on testing positive in milk antibody ELISA to Mycobacterium avium subsp. paratuberculosis in dairy cattle
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Estimation the diagnistic performance of PathProof Mastitis PCR and bacterial culturing for the detection of Streptococcus agalactiae in milk of Danish dairy cows using latent class analysis
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2012 › Research

Evaluation of lameness prevalence in grazing and non-grazing herds Danish dairy herds - apparent vs. true prevalence
Research output: Contribution to conference › Poster – Annual report year: 2012 › Research › peer-review

Evaluation of the antibacterial residue surveillance programme in Danish pigs using Bayesian methods
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Evaluation of two herd-level diagnostic tests for Streptococcus agalactiae using a latent class approach
Research output: Contribution to conference › Poster – Annual report year: 2012 › Research

Evaluation of two herd-level diagnostic tests for Streptococcus agalactiae using a latent class approach
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review
Herd and sow-related risk factors for mortality in sows in group-housed systems
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Kalibrering af kontrollanternes vurdering af dyrevelfærd
Research output: Chapter in Book/Report/Conference proceeding › Report chapter – Annual report year: 2012 › Communication

Latent class analysis of the diagnostic characteristics of PCR and conventional bacteriological culture in diagnosing intramammary infections caused by Staphylococcus aureus in dairy cows at dry off
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Modeling of Mycobacterium avium subsp. paratuberculosis in farm bulk tank milk
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2012 › Research

Molecular epidemiology of circulating highly pathogenic avian influenza (H5N1) virus in chickens, in Bangladesh, 2007-2010
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Occurrence of Mycobacterium avium subsp. Paratuberculosis in milk at dairy cattle farms: a systematic review and meta-analysis
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research

Prevalence of respiratory signs and identification of risk factors for respiratory morbidity in Swedish Yorkshire terriers
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Quantifying the impact of lameness on welfare and profitability of finisher pigs using expert opinions
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Size of the iceberg: proportion of Mycobacterium avium subsp. paratuberculosis infected cattle with and without specific antibodies
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2012 › Research

Size of the iceberg: proportion of Mycobacterium avium subsp. paratuberculosis infected cattle with and without specific antibodies
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research

Spatial differences in occurrence of paratuberculosis in Danish dairy herds and in control programme participation
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Temporal development of antibodies in Mycobacterium avium subsp. paratuberculosis infected cattle
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research

True prevalence estimation in an on-farm welfare assessment scheme - How to deal with misclassification
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research

Visual outcome after corneal transplantation for corneal perforation and iris prolapse in 37 horses: 1998-2010
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Milk recordings and meat inspection data as a diagnostic tool for identifying dairy herds with welfare problems
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2011 › Research › peer-review

A meta-analysis comparing the effect of PCV2 vaccines on average daily weight gain and mortality rate in pigs from weaning to slaughter
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Apparent Prevalence of Beef Carcasses Contaminated with Mycobacterium avium subsp. paratuberculosis Sampled from Danish Slaughter Cattle
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Associations between the time of conception and the shape of the lactation curve in early lactation in Norwegian dairy cattle
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Bayesian estimation of true between-herd and within-herd prevalence of Salmonella in Danish veal calves
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Effect of management practices on paratuberculosis prevalence in Danish dairy herds
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review
Epilepsy in the Petit Basset Griffon Vendeen: Prevalence, Semiology, and Clinical Phenotype
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Estimating test characteristics of somatic cell count to detect Staphylococcus aureus-infected dairy goats using latent class analysis
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Evaluation of sensitivity and specificity of RBT, c-ELISA and fluorescence polarisation assay for diagnosis of brucellosis in cattle using latent class analysis
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Intra- and inter-observer agreement when using a descriptive classification scale for clinical assessment of faecal consistency in growing pigs
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Latent class evaluation of a milk test, a urine test, and the fat-to-protein percentage ratio in milk to diagnose ketosis in dairy cows
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Prevalence of paratuberculosis infection in dairy cattle in Northern Italy
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Register data as an identification tool for dairy herds with potential welfare problems
Otten, N. D., Thomsen, P. T., Sørensen, J. T., Toft, N. & Houe, H., 2011.
Research output: Contribution to conference › Poster – Annual report year: 2010 › Research

Spatio-temporal magnitude and direction of highly pathogenic avian influenza (H5N1) outbreaks in Bangladesh
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Stochastic models to simulate paratuberculosis in dairy herds
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Structured approach to design of diagnostic test evaluation studies for chronic progressive infections in animals
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

The welfare and economic consequences of lameness in finisher pigs: a pilot study using expert opinions
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research
Using latent class analysis to estimate the test characteristics of the γ-interferon test, the single intradermal comparative tuberculin test and a multiplex immunoassay under Irish conditions
Research output: Contribution to journal › Conference article – Annual report year: 2011 › Research › peer-review

Validering samt kvalitets- og fremtidssikring af velfærdsregistreringer i svinebesætninger
Research output: Contribution to conference › Poster – Annual report year: 2011 › Research

Register data as an identification tool for dairy herds with potential welfare problems
Otten, N. D., Thomsen, P. T., Sørensen, J. T., Toft, N. & Houe, H., 20 Apr 2010, Databases in Veterinary Medicine - Validation, harmonisation and application. p. 46 1 p.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2010 › Research › peer-review

Fald i forekomsten af paratuberkulose
Nielsen, S. S. & Toft, N., 14 Jan 2010
Research output: Other contribution › Net publication - Internet publication – Annual report year: 2010 › Communication

Lavere forekomst af paratuberkulose i ikke-mælkeleverende besætninger
Nielsen, S. S., Okura, H. & Toft, N., 11 Jan 2010
Research output: Other contribution › Net publication - Internet publication – Annual report year: 2010 › Communication

Association between bulk-tank milk Salmonella antibody level and high calf mortality in Danish dairy herds
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Data from the Danish veterinary cancer registry on the occurrence and distribution of neoplasms in dogs in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Evaluation of histopathology, real-time PCR and virus isolation for diagnosis of infectious salmon anæmia in Norwegian salmon using latent class analysis
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Evaluation of sensitivity and specificity of routine meat inspection of Danish slaughter pigs using Latent Class Analysis
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Herd management science: I. basic concepts
Kristensen, A. R., Jørgensen, E. & Toft, N., 2010, Department of Large Animal Sciences, University of Copenhagen. 146 p.
Research output: Book/Report › Compendium/lecture notes – Annual report year: 2010 › Education

Herd management science: II. advanced topics
Research output: Book/Report › Compendium/lecture notes – Annual report year: 2010 › Education

Langt færre køer med paratuberkulose
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Communication
Herd management science I: basic concepts
Research output: Book/Report › Book – Annual report year: 2009 › Education

Herd management science II: advanced topics
Research output: Book/Report › Book – Annual report year: 2009 › Education

Pododermatitis in Danish broiler farms 2002 - 2008
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2009 › Research

Preventing involuntary culling of sows by optimal use of clinical information: the weak sow index
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2009 › Research › peer-review

Summary receiver operating characteristics (SROC) and hierarchical SROC models for analysis of diagnostic test evaluations of antibody ELISAs for paratuberculosis
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

The Weak Sow Index: A new method for optimal use of clinical information in sow herds
Research output: Contribution to conference › Poster – Annual report year: 2009 › Research

Validation of data collected in the Danish Veterinary Cancer Registry
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Ante mortem diagnosis of paratuberculosis: A review of accuracies of ELISA, interferon-γ assay and faecal culture techniques
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Assessing the prevalence of paratuberculosis in Europe
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Communication

Association between the presence of antibodies to Mycobacterium avium subspecies paratuberculosis and somatic cell count
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Colostrum and milk as risk factors for infection with Mycobacterium avium subspecies paratuberculosis in dairy cattle
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Evaluation of test-strategies for estimating probability of low prevalence of paratuberculosis in Danish dairy herds
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review
Herd management science: II. advanced topics
Research output: Book/Report › Compendium/lecture notes – Annual report year: 2008 › Education

Herd management science: I. basic concepts
Research output: Book/Report › Compendium/lecture notes – Annual report year: 2008 › Education

Paratuberkulose i Europa
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Communication

The association between disease and profitability in individual finishing boars at a test station
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

The distribution of the pathogenic nematode Nematodirus battus in lambs is zero-inflated
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

The use of critical reviews and meta-analysis of diagnostic test evaluations - Illustrated by diagnostic tests for paratuberculosis
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2008 › Research

A review of diagnostic accuracies of ELISA and faecal culture in cattle
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2007 › Research

Assessing the convergence of Markov Chain Monte Carlo methods: An example from evaluation of diagnostic tests in absence of a gold standard
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Assessment of management-related risk factors for paratuberculosis in Danish dairy herds using Bayesian mixture models
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Bayesian mixture models for within-herd prevalence estimates of bovine paratuberculosis based on a continuous ELISA response
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Evaluation of three serological tests for brucellosis in naturally infected cattle using latent class analysis
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review
Evaluation of three serological tests for diagnosis of Maedi-Visna virus infection using latent class analysis
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Geographic risk factors for inter-river dispersal of Gyrodactylus salaris in fjord systems in Norway
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Modeling the causes of leg disorders in finisher herds
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2007 › Research

Review of prevalences of paratuberculosis in farmed animals in Europe
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2007 › Research

Serum C-reactive protein concentration as an indicator of remission status in dogs with multicentric lymphoma
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

The effect of lameness treatments and treatments for other health disorders on the weight gain and feed conversion in boars at a Danish test station
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Age-specific characteristics of ELISA and fecal culture for purpose-specific testing for paratuberculosis
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Evaluation of three 3ABC ELISAs for foot-and-mouth disease non-structural antibodies using latent class analysis
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Guidelines for improved disease recording and recommendations for use of data
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research

The Danish Veterinary Cancer Registry: an update
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research

The effect of correlation structures on the properties of diagnostic tests for paratuberculosis
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2006 › Research
The Gamma-Poisson model as a statistical method to determine if micro-organisms are randomly distributed in a food matrix
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

A framework for decision support related to infectious diseases in slaughter pig fattening units
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

A stochastical model of chick and grower survival in smallholder poultry production
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2005 › Research › peer-review

Continuous-data diagnostic tests for paratuberculosis as a multistage disease
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Diagnosing diagnostic tests: evaluating the assumptions underlying the estimation of sensitivity and specificity in the absence of a gold standard
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Spatial distribution of Escherichia coli O157-positive farms in Scotland
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

The establishment of a Danish veterinary cancer registry: a feasibility study
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2005 › Research

Data analysis
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education

Data management
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education

Endemic infectious diseases in the cattle population: eradication, vaccination, control, or do nothing?
Research output: Contribution to conference › Paper – Annual report year: 2004 › Research

Evaluating diagnostic tests
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education
Evaluation of an indirect serum ELISA and a bacteriological faecal culture test for diagnosis of Salmonella serotype Dublin in cattle using latent class models
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Experimental studies
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education

Introduction
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education

Introduction to veterinary epidemiology
Research output: Book/Report › Book – Annual report year: 2004 › Education

Measures of association and effect
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education

Measures of disease frequency
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education

Observational studies
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education

Sample size and sampling methods
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2004 › Education

Spatial statistical methods for estimating regions with increased risk of BVDV infection in Denmark
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research

Appendix A: Biostatistics
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2003 › Communication

Comparison of results from a classic and a latent class method for test validation of a Salmonella Dublin ELISA
Research output: Contribution to conference › Paper – Annual report year: 2003 › Research
Estimation of farm specific parameters in a longitudinal model for litter size with variance components and random dropout

Evaluation of SIR epidemic models in slaughter pig units using Monte Carlo simulation

Linking decisions on multiple time scales

Modeling eating patterns of growing pigs using dynamic linear models

The dynamic aspect of the reproductive performance in the sow herd
Toft, N., 1998, Copenhagen: Dina, KVL.

Beslutningsstøttesystemer til håndtering af beslutninger med forskellige tidshorisonter

Illustration af sekventielt beslutningsproblem i soholdet

Model based decision support in sow herds with emphasis on linking decisions with different time horizons

The parameter input file for the multi-level hierarchic Markov Process
Toft, N. & Kristensen, A. R., 1997, Copenhagen: Dina, KVL. 11 p. (Dina notat; No. 60).

Projects:

Disease databases
Lopes Antunes, A. C., Jensen, V. F. & Toft, N.
01/01/2017 → 31/12/2019
Project: Research
Veterinary epidemiology with emphasis on the association between spatial proximity, contact structures, antibiotic consumption and antibiotic resistance
Birkegård, A. C., Toft, N., Hisham Beshara Halasa, T., Boklund, A., Dewulf, J. & Nielsen, S. S.
Samfinansieret - Andet
01/12/2013 → 20/12/2017
Project: PhD

Undersøgelse af sammenhænge mellem sundhed, velfærd og antibiotikaforbrug hos danske husdyr
Technical University of Denmark
15/12/2011 → 17/11/2016
Project: PhD

Development of a herd- and cow-specific decision support tool for control of mastitis
Samfinansieret - Andet
01/07/2015 → 30/09/2018
Project: PhD

Simulation modeling of LA-MRSA dispersal and control between swine herds
Schulz, J., Hisham Beshara Halasa, T., Boklund, A., Toft, N., Jensen, V. F., Baekbo, P. & Selhorst, T.
Offentlig finansiering
01/05/2015 → 21/02/2019
Project: PhD

The spread and control of LA-MRSA within Danish pig herds
Offentlig finansiering
01/04/2015 → 20/06/2018
Project: PhD

Novel methods for applied spatio-temporal risk assessment models of endemic and emerging vector borne diseases
Cuellar, A. C., Bødker, R., Kjær, L. J., Toft, N., Christiansen, L. E., Konradsen, F. & Purse, B.
Technical University of Denmark
15/02/2015 → 15/01/2019
Project: PhD

Veterinary Epidemiology - biological models of vector borne diseases
Offentlig finansiering
15/02/2015 → 11/12/2018
Project: PhD

Veterinary Epidemiology with focus on monitoring livestock disease using diagnostic databases
Lopes Antunes, A. C., Toft, N., Hisham Beshara Halasa, T., Jensen, V. F., Revie, C. W. & Mortensen, S.
Offentlig finansiering
15/12/2013 → 26/04/2017
Project: PhD

Dynamics and mechanisms of antimicrobial resistance in animal husbandry
Clasen, J., Folkesson, A., Toft, N., Sternberg, C., Johnsen, P. J. & Regenberg, B.
Samfinansieret - Andet
15/12/2013 → 16/08/2018
Project: PhD

iCull: iCull
Kirkeby, C. T., Hisham Beshara Halasa, T., Græsbøll, K., Christiansen, L. E., Toft, N. & Saxmose, S.
01/11/2013 → 31/10/2015
Project: Research