Research outputs:

**Effects of control measures on the spread of LA-MRSA among Danish pig herds between 2006 and 2015 – a simulation study**
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 alvorlig trussel for hele svinebranchen**
Research output: Contribution to journal › Journal article – 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

**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

**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

**Risk factors for the occurrence of livestock-associated methicillin-resistant Staphylococcus aureus (LA-MRSA) in Danish pig herds**
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

**A mechanistic model for spread of livestock-associated methicillin-resistant Staphylococcus aureus (LA-MRSA) within a pig herd**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Associations between Antibacterial Treatment and the Prevalence of Tail-Biting-Related Sequelae in Danish Finishers at Slaughter**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review
Evaluation of Strategies to Control a Potential Outbreak of Foot-and-Mouth Disease in Sweden
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Modelling spread of MRSA within a pig herd
Research output: Contribution to conference › Poster – Annual report year: 2017 › Research › peer-review

Mulighederne for en bedre udnyttelse af de økonomiske ressourcer til det veterinære beredskab for mund- og klovsyge
Research output: Book/Report › Report – Annual report year: 2017 › Research

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

Resource Estimations In Contingency Planning for Foot-and-Mouth Disease
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Semiquantitative Decision Tools for FMD Emergency Vaccination Informed by Field Observations and Simulated Outbreak Data
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

Afrikansk svinepest spreder sig
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

A register-based study of the antimicrobial usage in Danish veal calves and young bulls
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

A simulation model for the spread of LA-MRSA within a pig herd
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review

Changes in group treatment procedures of Danish finishers and its influence on the amount of administered antimicrobials
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Control of African swine fever epidemics in industrialized swine populations
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Economic analysis of activities to prevent foot and mouth disease in Denmark
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Evaluation of temporal surveillance system sensitivity and freedom from bovine viral diarrhea in Danish dairy herds using scenario tree modelling
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Experimental pig-to-pig transmission study with a recent European African Swine Fever virus isolate
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2016 › Research › peer-review

Risk factors for antimicrobial use in Danish rosé veal calves. A register-based study
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review
Simulating the epidemiological and economic effects of an African swine fever epidemic in industrialized swine populations
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

The costs of preventive activities for exotic contagious diseases - A Danish case study of foot and mouth disease and swine fever: a Danish case study of foot and mouth disease and swine fever
Research output: Contribution to journal › Journal article – 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

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

Dødelig sygdom på fremmarch: Afrikansk svinepest
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Communication

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

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

Preventing foot and mouth disease - how are the costs divided between the public authorities and the pig and cattle industries in Denmark?
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2016 › Research › peer-review

Simulator bruges i kampen mod plasmacytose
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Simulering af kontroloforanstaltninger til bekæmpelse af plasmacytose i minkfærme
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Simulering af tiltag til bekæmpelse af plasmacytose i mink
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2015 › Research

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

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

Impact of clinical surveillance during a foot-and-mouth disease epidemic
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2014 › Research › peer-review

Persistent spatial clusters of prescribed porcine antimicrobials
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review
Quantitative assessment of the risk of introduction of bovine viral diarrhea virus in Danish dairy herds
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Resource estimations in contingency planning for FMD
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Resource Estimations in Contingency Planning for Foot-And-Mouth Disease
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2014 › Research › peer-review

Resource Estimations in Contingency Planning for Foot-And-Mouth Disease
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2014 › Research › peer-review

Success factors in weaner production - with limited antimicrobials, high health and productivity. Case studies from Denmark
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Success factors in weaner production - with limited antimicrobials, high health and productivity. Case studies from Denmark
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Success factors in weaner production - with limited antimicrobials, high health and productivity. Case studies from Denmark
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

The Impact of Resources for Clinical Surveillance on the Control of a Hypothetical Foot-and-Mouth Disease Epidemic in Denmark.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Assessment of confidence in freedom from Aujeszky's disease and classical swine fever in Danish pigs based on serological sampling—Effect of reducing the number of samples
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Comparing control strategies against foot-and-mouth disease: Will vaccination be cost-effective in Denmark?
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

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

Decisions on foot-and-mouth disease control informed by model prediction
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Simulated effects of changes in herd sizes and densities with regard to fmd outbreaks in Denmark
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

Comparison of different control strategies on FMD in Denmark
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Consequence of changes in herd size and densities for the contingency planning
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review
General introduction to simulation models
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Influence of livestock markets on the spread of FMD
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Input parameters and scenarios, including economic inputs
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Input parameters in the models
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research › peer-review

Meta-analysis on the efficacy of foot-and-mouth disease emergency vaccination
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Model's comparison
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Meta-analysis on the efficacy of foot-and-mouth disease emergency vaccination
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research › peer-review

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Foot-and-mouth disease simulation modeling
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research › peer-review

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

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Comparison of different control strategies on FMD in Denmark
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research › peer-review

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Influence of livestock markets on spread of FMD
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research › peer-review

Optimizing the control of foot-and-mouth disease in Denmark by simulation: Consequences of changes in herd sizes and densities for the contingency planning
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research › peer-review

Predicting the structural development in Danish livestock and how it affects control strategies against FMD
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Simple decision tools to help optimize the control strategy 2 weeks into a Danish FMD epidemic
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review
Simulated Effects of Introducing Emergency Vaccination or Depopulation During FMD Outbreaks in Denmark
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research › peer-review

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

Simuleringsstudier af konsekvenser af mund- og klovesyge i Danmark
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research › peer-review

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

Svinepestovervågningen i Danmark – kan vi gøre det bedre?
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Communication

Comparing the epidemiological and economic effects of control strategies against classical swine fever in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Emergency vaccination for classical swine fever will not be cost-effective for countries with a large export
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2009 › Research

Nødvaccination ikke rentabelt i et land med stor eksport
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Communication

Simulating the spread of classical swine fever virus between a hypothetical wild-boar population and domestic pig herds in Denmark
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Wildrisk: Classical swine fever and wild boar in Denmark: A risk analysis
Research output: Book/Report › Report – Annual report year: 2005 › Research

Biosecurity in 116 Danish fattening swineherds: descriptive results and factor analysis
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Biosecurity in 121 Danish sow herds
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

Risk factors for infection of sow herds with porcine reproductive and respiratory syndrome (PRRS) virus
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Projects:

Veterinary epidemiology with emphasis on the association between spatial proximity, contact structures, antibiotic consumption and antibiotic resistance
Project: PhD
Undersøgelse af sammenhænge mellem sundhed, vejfare og antibiotikaforbrug hos danske husdyr  
Project: PhD

Development of a herd- and cow-specific decision support tool for control of mastitis  
Project: PhD

Investigation of transmission dynamics and virulence of new European African Swine Fever Virus strains  
Project: PhD

Simulation modeling of LA-MRSA dispersal and control between swine herds  
Project: PhD

The spread and control of LA-MRSA within Danish pig herds  
Project: PhD

Investigation of transmission dynamics and virulence of new African Swine Fever Virus strains  
Project: Research

Styrkelse af det videnmæssige beredskab overfor svinepest  
Project: Research

Activities:

Risk assessment of a spread of a pathogen: simulation models  
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Spørgeskema som redskab og metode til udvikling og udforskning af sygepleje  
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Ramt af svinepest  
Activity: Talks and presentations › Conference presentations

Risk assessment of a spread of a pathogen: simulation models  
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

ASF-STOP meeting  
Activity: Talks and presentations › Conference presentations

Risk assessment of a spread of a pathogen: simulation models  
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Risk assessment of a spread of a pathogen: simulation models  
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Vet-TWIN workshop, Pulawy, Poland  
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Spørgeskema som redskab og metode til udvikling og udforskning af sygepleje  
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities
Biostatistik for sygeplejersker
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Expert group for swine fever (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

CoVetLab
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Better Training for Safer Food Initiative: Monte Carlo Simulation Modeling
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Making models useful in contingency planning
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Danish Veterinary and Food Administration (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Vidensformer og forskningsmetode: Biostatistik
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

EU Working Group
Activity: Talks and presentations › Conference presentations

EU-FMD
Activity: Talks and presentations › Conference presentations

8th Annual Meeting of Epizone
Activity: Attending an event › Participating in or organising a conference

Comparing control strategies against foot-and-mouth disease: will vaccination be cost-effective in Denmark?
Activity: Talks and presentations › Conference presentations

Disease Control and Dynamics – In a One Health Setting
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Comparing control strategies against foot-and-mouth disease: will vaccination be cost-effective in Denmark?
Activity: Talks and presentations › Conference presentations

NOSOVE
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.