Håkan Vigre - DTU Orbit (01/10/2018)

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Publications:

Abundance and diversity of the faecal resistome in slaughter pigs and broilers in nine European countries
Publication: Research - peer-review › Journal article – Annual report year: 2018

Validation of the register-based lifetime antimicrobial usage measurement for finisher batches based on comparison with recorded antimicrobial usage at farm level
Publication: Research - peer-review › Journal article – Annual report year: 2018

Computional algorithm for lifetime exposure to antimicrobials in pigs using register data – the LEA algorithm
Publication: Research - peer-review › Journal article – Annual report year: 2017

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

TEACH FOOD – Developing a teacher’s community of practice
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

The association between measurements of antimicrobial use and resistance in the faeces microbiota of finisher batches
Publication: Research - peer-review › Journal article – Annual report year: 2017

A decision support system for the control of Campylobacter in chickens at farm level using data from Denmark
Publication: Research - peer-review › Journal article – Annual report year: 2016

An Approach to Cluster EU Member States into Groups According to Pathways of Salmonella in the Farm-to-Consumption Chain for Pork Products
Publication: Research - peer-review › Journal article – Annual report year: 2016

A Quantitative Microbiological Risk Assessment for Salmonella in Pigs for the European Union
Publication: Research - peer-review › Journal article – Annual report year: 2016

A sampling and metagenomic sequencing-based methodology for monitoring antimicrobial resistance in swine herds
Publication: Research - peer-review › Journal article – Annual report year: 2016
Towards the production of reliable quantitative microbiological data for risk assessment: Direct quantification of Campylobacter in naturally infected chicken fecal samples using selective culture and real-time PCR

Publication: Research - peer-review › Journal article – Annual report year: 2015

Comparison of air samples, nasal swabs, ear-skin swabs and environmental dust samples for detection of Methicillin Resistant Staphylococcus aureus (MRSA) in pig herds

Publication: Research - peer-review › Journal article – Annual report year: 2013

Effect of subinhibitory concentrations of four commonly used biocides on the conjugative transfer of Tn916 in Bacillus subtilis

Publication: Research - peer-review › Journal article – Annual report year: 2014

Evaluation of pre-PCR processing approaches for enumeration of Salmonella enterica in naturally contaminated animal feed

Publication: Research - peer-review › Journal article – Annual report year: 2014

Relative human risk of Salmonella Enteritidis in table eggs

Publication: Research - peer-review › Report chapter – Annual report year: 2015

Campylobacter vaccination of poultry: Clinical trials, quantitative microbiological methods and decision support tools for the control of Campylobacter in poultry

Publication: Research › Ph.D. thesis – Annual report year: 2013

Direct Quantification of Campylobacter jejuni in Chicken Fecal Samples Using Real-Time PCR: Evaluation of Six Rapid DNA Extraction Methods

Publication: Research - peer-review › Journal article – Annual report year: 2013

Evaluation of pre-PCR processing approaches for enumeration of Salmonella enterica in naturally contaminated animal feed

Publication: Research - peer-review › Poster – Annual report year: 2013

Evaluation of pre-PCR processing approaches for enumeration of Salmonella enterica in naturally contaminated animal feed

Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

In silico and in vitro evaluation of PCR-based assays for the detection of Bacillus anthracis chromosomal signature sequences

Publication: Research - peer-review › Journal article – Annual report year: 2013

Integration of Epidemiological Evidence in a Decision Support Model for the Control of Campylobacter in Poultry Production

Publication: Research - peer-review › Journal article – Annual report year: 2013

Molecular diagnostics of foodborne pathogens

Publication: Research › Ph.D. thesis – Annual report year: 2013

Risk factors for the occurrence of extended-spectrum cephalosporinase producing E. coli in pig herds

Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

The interpretation of quantitative microbial data: meeting the demands of quantitative microbiological risk assessment

Publication: Research › Ph.D. thesis – Annual report year: 2013

Design and data analysis of experimental trials to test vaccine candidates against zoonotic pathogens in animals: the case of a clinical trial against campylobacter in broilers
Diagnostic herd sensitivity using environmental samples

Enumeration of Salmonella enterica in naturally contaminated animal feed samples by flotation prior to real-time quantitative PCR

Enumeration of Salmonella enterica in naturally contaminated animal feed samples by flotation prior to real-time quantitative PCR

Estimation of the variation that can be attributed to different levels in a clinical trial of a vaccine

Estimation of the variation that can be attributed to different levels in a clinical trial of a vaccine against Campylobacter in broilers

Infectious risk factors for individual postweaning multisystemic wasting syndrome (PMWS) development in pigs from affected farms in Spain and Denmark

Quantitative microbiological data analysis of a Campylobacter vaccination trial

The effect of cephalosporin usage on the occurrence of ESCs producing E. coli in pig herds

The use of probabilistic graphical models (PGMs) to develop a cost-effective vaccination strategy against Campylobacter in poultry

Microarray-based genotyping of Salmonella: Inter-laboratory evaluation of reproducibility and standardization potential

A novel strategy to obtain quantitative data for modelling: Combined enrichment and real-time PCR for enumeration of salmonellae from pig carcasses

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A novel strategy to obtain quantitative data for modelling: Combined enrichment and real-time PCR for enumeration of salmonellae from pig carcasses

Culture-independent quantification of Salmonella enterica in carcass gauze swabs by flotation prior to real-time PCR
Tetracycline consumption and occurrence of tetracycline resistance in Salmonella typhimurium phage types from Danish pigs
Publication: Research - peer-review › Journal article – Annual report year: 2007

A Danish case-control study on risk factors for PMWS – bio security in the herd
Publication: Research › Article in proceedings – Annual report year: 2006

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

Antimicrobial use in pig herds with and without Post-weaning Multisystemic Wasting Syndrome
Publication: Research › Conference abstract for conference – Annual report year: 2006

Association between PMWS and PRRSV
Publication: Research › Article in proceedings – Annual report year: 2006

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

Cryptosporidium and Giardia in Danish cattle and pigs: prevalence of different species and genotypes
Publication: Research › Conference abstract for conference – Annual report year: 2006

Cryptosporidium and Giardia in Danish dairy herds: prevalence, typing and risk factors
Publication: Research › Conference abstract for conference – Annual report year: 2006

Cryptosporidium and Giardia in different age groups of cattle and pigs in Denmark – prevalence, genotypes and risk factors
Publication: Research › Journal article – Annual report year: 2006

Cryptosporidium and Giardia in different age groups of Danish cattle and pigs - Occurrence and management associated risk factors
Publication: Research - peer-review › Journal article – Annual report year: 2006

Cryptosporidium and Giardia infections are widespread in weaner pigs in Denmark
Publication: Research › Conference abstract for conference – Annual report year: 2006

Cryptosplidium og Giardia I forskellige aldersgrupper af kvæg og svin I Danmark: forekomst, genotyper og risikofaktorer
Publication: Research › Journal article – Annual report year: 2006

Distinction between porcine circovirus type 2 enteritis and porcine proliferative enteropathy caused by Lawsonia intracellularis
Publication: Research - peer-review › Journal article – Annual report year: 2006

Effect of PMWS pig serum and PCV2 specific serum on mortality and weight gain in PMWS affected herds
Publication: Research › Article in proceedings – Annual report year: 2006

Estimation of the national prevalence of PMWS using two different data sources
Publication: Research › Article in proceedings – Annual report year: 2006

Evaluation of a nested PCR test and bacterial culture of swabs from the nasal passages and from abscesses in relation to diagnosis of Streptococcus equi infection (strangles)
Publication: Research - peer-review › Journal article – Annual report year: 2006
Evaluation of the risk of spread of Echinococcus multilocularis from Denmark to Sweden: DFVF Risk Assessment Report
Publication: Research › Report – Annual report year: 2006

Histopathologic findings in a case control study of PMWS in Danish pig herds
Publication: Research › Conference abstract for conference – 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

New swine influenza A H1N2 reassortment found in Danish swine
Publication: Research - peer-review › Paper – Annual report year: 2006

New swine influenza A H1N2 reassortment found in Danish swine
Publication: Research › Article in proceedings – Annual report year: 2006

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

PMWS in Denmark: Epidemiology, Diagnosis and Control: Merial White Book
Publication: Research › Article in proceedings – Annual report year: 2006

PMWS - Laboratory Diagnosis on Herd and Pig Level in a Danish Case-Control Study
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

Risikovurdering gennemført af Danmarks Fødevareforskning vedr. effekten af at fjerne loftet på 500 dyreenheder pr. landbrugsejendom
Publication: Research › Report – Annual report year: 2006

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

Tetracycline consumption and occurrence of tetracycline resistance in Salmonella Typhimurium from Danish pigs
Publication: Research › Article in proceedings – Annual report year: 2006

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

Cryptosporidium and cryptosporidiosis in Denmark: current status
Publication: Research - peer-review › Journal article – Annual report year: 2005

Naturally acquired Lawsonia intracellularis infection in pigs studied from weaning to slaughter by indirect immunofluorescence antibody test and polymerase chain reaction on faeces
Publication: Research - peer-review › Journal article – Annual report year: 2005

Porcine Circovirus Type 2 Enteritis is an Important Differential Diagnosis to Porcine Proliferative Enteropathy caused by Lawsonia intracellularis
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2005
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

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

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

Behandling med serum i PMWS besætninger
Publication: Research › Journal article – Annual report year: 2004

Diarrhoea, enteritis and unthrifty pigs: Lawsonia Intracellularis or porcine circovirus type 2 infection
Publication: Research › Article in proceedings – Annual report year: 2004

Effects of the termination of antibiotic growth promoters use on antimicrobial resistance in pig farms: Macrolide-resistance among enterococci in finishers
Publication: Research › Book chapter – Annual report year: 2004

Intra-unit correlations in seroconversion to Actinobacillus pleuropneumoniae and Mycoplasma hyopneumoniae at different levels in Danish multi-site pig production facilities
Publication: Research - peer-review › Journal article – Annual report year: 2004

Molecular typing of Cryptosporidium and Giardia in Danish cattle and pig herds
Publication: Research › Conference abstract for conference – Annual report year: 2004

Prevalence of Cryptosporidium and Giardia in Danish livestock
Publication: Research › Poster – Annual report year: 2004

Prevalence, transmission and molecular typing of Cryptosporidium and Giardia in Denmark
Publication: Research › Poster – Annual report year: 2004

Cryptosporidium parvum: infectivity and pathogenicity of the ‘porcine’ genotype
Publication: Research - peer-review › Journal article – Annual report year: 2003

Decay of acquired colostral antibodies to Actinobacillus pleuropneumoniae in pigs
Publication: Research - peer-review › Journal article – Annual report year: 2003

Diagnostik og forekomst af PMWS
Publication: Research › Journal article – Annual report year: 2003

Pathogenicity of Cryptosporidium parvum - evaluation of an animal infection model
Publication: Research - peer-review › Journal article – Annual report year: 2003

Sundhed og produktion hos svin i multisitesystemer
Publication: Research - peer-review › Journal article – Annual report year: 2003
Crypto Infektion med Eimeria-arter hos kalve: Vurdering af risikofaktorer og sammenhæng mellem diarré og oocysteudskillelse
Publication: Research › Journal article – Annual report year: 2002

Frequency of health problems in Danish Standardbred trotters and identification of time-dependent and time-independent covariates associated with the occurrence of lameness
Publication: Research - peer-review › Journal article – Annual report year: 2002

Risk factors for the hazard of lameness in Danish Standardbred trotters
Publication: Research - peer-review › Journal article – Annual report year: 2002

Transmission of Actinobacillus pleuropneumoniae in pigs under field-like conditions: emphasis on tonsillar colonisation and passively acquired colostral antibodies
Publication: Research - peer-review › Journal article – Annual report year: 2002

Transmission of infection with Actinobacillus pleuropneumoniae and Mycoplasma hyopneumoniae in Danish multi-site pig production
Publication: Research › Ph.D. thesis – Annual report year: 2002

Respiratory diseases in Danish multi-site systems
Publication: Research › Article in proceedings – Annual report year: 2000

Respiratory diseases in Danish multi-site systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Sundhed i multisite-systemer
Publication: Research › Journal article – Annual report year: 2000

Survival analysis of time-dependent covariates associated with the occurrence of lameness among Danish Standardbred trotters
Publication: Research › Article in proceedings – Annual report year: 2000

Transfer of pathogens from sows to offspring
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

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

Projects:

Air-sampling: A Low-Cost Screening Tool in Biosecured Broiler Production
Project: PhD

Evaluate and Establish Surveillance program of Salmonella in Imported and domestic Poultry Meat in Jordan
Project: PhD

Evaluate and Establish Surveillance program of Salmonella in Imported and domestic Poultry Meat in Jordan
Project: PhD

Generic open science data platform for surveillance, exposure assessment and risk analysis
Project: PhD
Veterinary Epidemiology - biological models of vector borne diseases
Project: PhD

Genomic antimicrobial resistance, prediction of functionality, resistance gene mobility and zoonotic relevance
Project: PhD

The epidemiology of zoonotic antimicrobial resistance in animal production
Project: PhD

Pathogen detection: On-site diagnostics with focus on pre-analytical engineering
Project: PhD

Development of a decision tool for vaccination against Campylobacter in poultry
Project: PhD

Molecular Diagnostics of Foodborne Pathogens
Project: PhD

CamVac: Campylobacter vaccination of poultry
Project

The interpretation of quantitative microbiology data: meeting the demands of quantitative microbiological risk assessment
Project: PhD

Dyrevelfærd i husdyrbesætninger: Et samspil mellem husdyrbruger og myndigheder
Project

The interaction between drug use and the risk of infection with foodborne zoonotic bacteria
Project: PhD

Evaluation and optimisation of surveillance programmes for antimicrobial resistance and drug use
Project

Evaluation and optimisation of surveillance programmes for antimicrobial resistance and drug use
Project

EFSA Quantitative Microbiological Risk Assessment on Salmonella in Slaughter and Breeder pigs
Project

Activities:

TEACH FOOD - Developing a teacher's community of practice
Activity: Talks and presentations › Conference presentations

Owusu Amponsah
Activity: Hosting a guest lecturer

TEACH FOOD seminars
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Head of assessment committee
Activity: Examinations and supervision › Internal examination

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

Hvordan bruger vi risikovurdering i forskellige sammenhæng?
Activity: Talks and presentations › Conference presentations

Owusu Amponsah
Activity: Hosting a guest lecturer

Better Training Safer Food
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Lecturing in the education "Master i Fødevarekvalitet og -sikkerhed" at Copenhagen University
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Molekylære metoder til Salmonella og Campylobacter
Activity: Other

Lecture and workshop in microbiological food risk assessment
Activity: Other

Lecture and workshop in microbiological food risk assessment
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

DTU's workshop on climate changes and animal health and food safety; 39397
Activity: Talks and presentations › Conference presentations

Tetracycline consumption and occurrence of tetracycline resistance in Salmonella Typhimurium from Danish pigs
Activity: Talks and presentations › Conference presentations

Unknown
Activity: Attending an event › Participating in or organising a conference