Publications:

1. 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

2. Dissection of the antimicrobial and hemolytic activity of Cap18: Generation of Cap18 derivatives with enhanced specificity
   Publication: Research - peer-review › Journal article – Annual report year: 2018

3. Direct whole-genome sequencing of Plasmodium falciparum specimens from dried erythrocyte spots
   Publication: Research - peer-review › Journal article – Annual report year: 2018

4. Prevalence and risk factors for CTX-M gram-negative bacteria in hospitalized patients at a tertiary care hospital in Kilimanjaro, Tanzania
   Publication: Research - peer-review › Journal article – Annual report year: 2018

5. Comparative genomics of quinolone-resistant and susceptible Campylobacter jejuni of poultry origin from major poultry producing European countries (GENCAMP)
   Publication: Research - peer-review › Journal article – Annual report year: 2018

6. Genomics-Based Identification of Microorganisms in Human Ocular Body Fluid
   Publication: Research - peer-review › Journal article – Annual report year: 2018

7. Hospital Epidemiology of Methicillin-Resistant Staphylococcus aureus in a Tertiary Care Hospital in Moshi, Tanzania, as Determined by Whole Genome Sequencing
   Publication: Research - peer-review › Journal article – Annual report year: 2018

8. Rapid and precise alignment of raw reads against redundant databases with KMA
   Publication: Research - peer-review › Journal article – Annual report year: 2018

9. SCCmecFinder, a Web-Based Tool for Typing of Staphylococcal Cassette Chromosome mec in Staphylococcus aureus Using Whole-Genome Sequence Data
   Publication: Research - peer-review › Journal article – Annual report year: 2018

10. The 22nd EURL-AR Proficiency Test - Enterococci, Staphylococci and E. coli 2017
    Publication: Commissioned › Report – 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

Whole genome sequencing reveals high clonal diversity of Escherichia coli isolated from patients in a tertiary care hospital in Moshi, Tanzania
Publication: Research - peer-review › Journal article – Annual report year: 2018

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Publication: Research - peer-review › Journal article – Annual report year: 2016

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Analytical Profiling of Airplane Wastewater - a New Matrix for Mapping Worldwide Patterns of Drug Use and Abuse
Publication: Research - peer-review › Journal article – Annual report year: 2017

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Publication: Research - peer-review › Journal article – Annual report year: 2017

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Publication: Research - peer-review › Journal article – Annual report year: 2017

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Publication: Research - peer-review › Journal article – Annual report year: 2017

Commentary: Benefits and risks of antimicrobial use in food-producing animals
Publication: Research - peer-review › Comment/debate – Annual report year: 2017

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Publication: Research - peer-review › Journal article – Annual report year: 2017

Developing a framework to assess the cost-effectiveness of COMPARE - A global platform for the exchange of sequence-based pathogen data
Publication: Research - peer-review › Journal article – Annual report year: 2017

Emergence of Livestock-Associated Methicillin-Resistant Staphylococcus aureus Bloodstream Infections in Denmark
Publication: Research - peer-review › Journal article – Annual report year: 2017

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Erratum to: Evaluating next-generation sequencing for direct clinical diagnostics in diarrhoeal disease
Publication: Research - peer-review › Comment/debate – Annual report year: 2017

Evaluating next-generation sequencing for direct clinical diagnostics in diarrhoeal disease
Publication: Research - peer-review › Journal article – Annual report year: 2017

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Publication: Research - peer-review › Journal article – Annual report year: 2017
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Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

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Publication: Research - peer-review › Journal article – Annual report year: 2016

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Publication: Research - peer-review › Journal article – Annual report year: 2016

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Publication: Research - peer-review › Journal article – Annual report year: 2016

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Publication: Research › Report – Annual report year: 2013

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

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

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Worldwide Networking on Proficiency Testing of Salmonella - Five Years of WHO Global Salm-Surv EQAS
Publication: Research › Poster – Annual report year: 2006

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Publication: Research - peer-review › Journal article – Annual report year: 2005

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Publication: Research - peer-review › Journal article – Annual report year: 2005

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Publication: Research - peer-review › Journal article – Annual report year: 2005

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Publication: Research - peer-review › Journal article – Annual report year: 2005

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Publication: Research - peer-review › Journal article – Annual report year: 2006

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Publication: Research - peer-review › Journal article – Annual report year: 2005

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Publication: Research - peer-review › Journal article – Annual report year: 2005

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Publication: Research - peer-review › Letter – Annual report year: 2005

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Publication: Research - peer-review › Report – Annual report year: 2005

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Publication: Research › Report – Annual report year: 2004

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Publication: Research - peer-review › Journal article – Annual report year: 2000

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Molecular characterization of Escherichia coli strains isolated from pigs with edema disease
Publication: Research - peer-review › Journal article – Annual report year: 1997
Prevalence and duration of intramammary infection in Danish heifers during the peripartum period
Publication: Research - peer-review › Journal article – Annual report year: 1997

Resistensmæssige problemer ved anvendelse af vækstfremmere
Publication: Research › Journal article – Annual report year: 1997

Streptococcus suis hos svin
Publication: Research › Journal article – Annual report year: 1997

Surveillance of antimicrobial resistance in humans, food stuffs and livestock in Denmark
Publication: Research › Journal article – Annual report year: 1997

Surveillance of antimicrobial resistance - requirements for monitoring programmes
Publication: Research › Conference abstract for conference – Annual report year: 1997

Distribution and antibiotic resistance patterns of common mastitis pathogens (Gram-positive cocci) in selected dairy herds of three dairy farming sectors in Zimbabwe
Publication: Research › Journal article – Annual report year: 1996

Epidemiological aspects of group B streptococci of bovine and human origin
Publication: Research - peer-review › Journal article – Annual report year: 1996

Glycopeptide susceptibility among Danish Enterococcus faecium and Enterococcus faecalis isolates of animal and human origin and PCR identification of genes within the vanA cluster
Publication: Research - peer-review › Journal article – Annual report year: 1996

Listeria monocytogenes in bovine mastitis. Possible implication for human health
Publication: Research - peer-review › Journal article – Annual report year: 1996

Ødemsyge
Publication: Research › Journal article – Annual report year: 1996

Oedema disease caused by O-rough Escherichia coli
Publication: Research - peer-review › Journal article – Annual report year: 1996

A comparative study of Staphylococcus aureus strains isolated from bovine subclinical mastitis during 1952-1956 and 1992
Publication: Research - peer-review › Journal article – Annual report year: 1995

Analysis of associations between major histocompatibility complex (BoLA) class I haplotypes and subclinical mastitis of dairy cows
Publication: Research - peer-review › Journal article – Annual report year: 1995

A study of phage- and ribotype patterns of Staphylococcus aureus isolated from bovine mastitis in the nordic countries
Publication: Research › Poster – Annual report year: 1995

Characterization of Staphylococcus aureus from bovine mastitis
Publication: Research › Ph.D. thesis – Annual report year: 1995

Evaluation of phenotypic and genotypic methods for epidemiological typing of Staphylococcus aureus isolates from bovine mastitis in Denmark
Hver tredje kirtel hos kvierne er inficeret
Publication: Research › Journal article – Annual report year: 1995

Kviemastitis, bakteriologisk baggrund
Publication: Research › Journal article – Annual report year: 1995

LACK OF STAPHYLOCOCCAL-ENTEROTOXIN PRODUCTION AMONG STRAINS OF STAPHYLOCOCCUS-AUREUS FROM BOVINE MASTITIS IN DENMARK
Publication: Research - peer-review › Journal article – Annual report year: 1995

Listeria monocytogenes in bovine mastitis
Publication: Research › Poster – Annual report year: 1995

Occurrence of glycopeptide resistance among Enterococcus faecium isolates from conventional and ecological poultry farms
Publication: Research - peer-review › Journal article – Annual report year: 1995

Prevalence of coagulase gene polymorphism in Staphylococcus aureus isolates causing bovine mastitis
Publication: Research - peer-review › Journal article – Annual report year: 1995

Stafylokokdiagnostik, en oversigt
Publication: Research › Journal article – Annual report year: 1995

Staphylococcal and other bacterial species associated with intramammary infections in Danish dairy herds
Publication: Research - peer-review › Journal article – Annual report year: 1995

The effect of avoparcin as a feed additive on the occurrence of vancomycin resistant Enterococcus faecium in pig and poultry production
Publication: Research › Poster – Annual report year: 1995

The effect of avoparcin used as a feed additive on the occurrence of vancomycin resistant Enterococcus faecium in pig and poultry production
Publication: Research › Report – Annual report year: 1995

Ability of Staphylococcus aureus coagulase genotypes to resist neutrophil bactericidal activity and phagocytosis
Publication: Research - peer-review › Journal article – Annual report year: 1994

A comparative analysis of historical and contemporary strains of Staphylococcus aureus from bovine subclinical mastitis by phage- and ribotyping
Publication: Research › Conference abstract for conference – Annual report year: 1993

Bakteriel paronychia (klovoldsbetændelse) hos kat forårsaget af Staphylococcus felis
Publication: Research › Journal article – Annual report year: 1993

Comparison of biotyping, phage typing, plasmid profiling and ribotyping for discrimination of strains of Staphylococcus aureus from bovine mastitis
Publication: Research › Conference abstract for conference – Annual report year: 1993

Eksfoliativ dermatitis hos kat forårsaget af Staphylococcus saprophyticus
Publication: Research › Journal article – Annual report year: 1993
Evaluation of the uncorrected erythrocyte sedimentation rate and the serum/ plasma urea concentration in the diagnosis of the cystic endometrial hyperplasia/pyometra complex in the female dog
Publication: Research › Journal article – Annual report year: 1993

Exfoliativ dermatitis hos kat forårsaget af Staphylococcus saprophyticus
Publication: Research › Journal article – Annual report year: 1993

The morphology of synovial grooves (Fossae synoviales) in joints of cattle of different age groups
Publication: Research - peer-review › Journal article – Annual report year: 1993

Cystik endometrie hyperplasi/pyometra-komplekset hos hund
Publication: Research › Journal article – Annual report year: 1992

Projects:

Human microbiome interaction
Project: PhD

Infectious Diseases and Whole Genome Sequencing
Project: PhD

Surveillance of Network Effects in Antimicrobial Resistance Genes
Project: PhD

Evergreen methods for phylogeny
Project: PhD

Typing and pheno typing based on direct sequencing of samples
Project: PhD

Generic open science data platform for surveillance, exposure assessment and risk analysis
Project: PhD

Global sewage surveillance project
Project

Metagenomic Approaches for Determining the Structure and Function of Complex Microbiomes
Project: PhD

Ecology and Epidemiology of Pathogens and Antimicrobial Resistance
Project: PhD

Detection of Pathogens and Antimicrobial Resistance in Microbiomes
Project: PhD

Interactions Between the Microbiome and Host Immune System
Project: PhD

Diagnostic use of Microbial Whole Genome Sequencing (WGS)
Project: PhD
Genome sequencing of important animal pathogenic bacteria  
Project: PhD

Next-generation sequencing and meta-genomics for detection, identification, characterisation and molecular epidemiology of microorganisms in drinking water used for irrigation  
Project: PhD

Optimal client-server methods for Next Generation Sequencing Analysis  
Project: PhD

Collaborative Management Platform for Detection and Analyses of (Re-) Emerging and Foodborne Outbreaks in Europe  
Project

EUROL-AR: EU Reference Laboratory – Antimicrobial Resistance  
Project

Rapid computational identification and elucidation of infectious disease outbreak  
Project: PhD

Biogeography of Pathogens: Unveiling their Diversity, Distribution, and Function in Space and Time  
Project

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

Implementation of next-generation sequencing for characterization and molecular epidemiology of foodborne zoonotic bacteria  
Project: PhD

Use of next-generation sequencing and meta-genomics for detection, identification, characterization and molecular epidemiology of primarily foodborne virus  
Project: PhD

EFFORT: Ecology from farm to fork of microbial drug resistance and transmission  
Project

REINSURE: Revolutionizing Infectious disease surveillance  
Project

Whole genome based diagnostics and investigations  
Project

Adaptability and promiscuity among pathogenic and commensal microorganisms  
Project: PhD

ADAP: Adaptability and promiscuity among pathogenic and commensal microorganisms  
Project

Application of whole genome sequencing for diagnostics, surveillance and outbreak detection of foodborne pathogens  
Project: PhD
Bioinformatics approaches to identify antimicrobial, virulence and other important genes in bacteria
Project: PhD

Global Microbial Identifier
Project

APUA: Animal Production without Antibiotics
Project

Whole Genome Epidemiological Typing of Salmonella
Project: PhD

Infectious Triggers of Chronic Autoimmunity
Project

Intricate: Infectious Triggers of Chronic Autoimmunity
Project

Whole Genome Epidemiological Typing Of Escherichia Coli
Project: PhD

Characterization of ESBL and MRSA from production animals and food products in Denmark
Project: PhD

Center for genomic epidemiology
Project

CGE: Center for Genomic Epidemiology
Project

MRSA and ESBL in the Danish pig production
Project

Bacterial response to stress by biocides
Project: PhD

Global surveillance of Salmonella in animals, food and humans: Identification of major sources and analysis of global trends
Project

Biocide: Biocide Resistance; An emerging threat to public health
Project

Biocides and Listeria monocutogenes: Biocide resistance: an emerging threat to public health
Project

Microbiological and molecular characterization of successful salmonella
Project: PhD
Plasmid diversity and epidemiology in Enterobacteriae from human and non-human reservoirs
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

Evaluering og optimering af overvågningsprogrammer for antibiotika resistens og antibiotikaforbrug
Project: PhD

Comparative Pathogenomics and Transcriptomics of Escherichia coli
Project

Global Occurrence and Spread of Antimicrobial Resistant Salmonella and other Bacteria of Animal Origin
Project: PhD

Evolution and adaptation of antimicrobial resistance in bacterial populations
Project

EU Reference Laboratory for Antimicrobial Resistance
Project

Training risk-assessment in non-human antibiotic usage, TRAINAU
Project

Antibiotic Resistance Transferability from Lactic Acid Bacteria in the Food Chain
Project: PhD

World Health Organization Collaborating Center Global Foodborne Infection Network
Project

Karakterisering af antibiotika resistens i grampositive bakterier i relation til brug af antibiotiske vækstfremmere
Project: PhD

Activities:

Antimicrobial resistance: epidemiology and control options: The 4th International meeting on antimicrobial agents in veterinary medicine
Activity: Talks and presentations › Conference presentations

Diversity of tetracycline resistance genes and mobile elements in enterococci and staphylococci from human and animals
Activity: Talks and presentations › Conference presentations

Multi drug resistant Salmonella Concord in adoptee from Ethiopia A collaborative international investigation
Activity: Talks and presentations › Conference presentations

Using free-cost spatial technology as a tool for assessment of antimicrobial consumption data and spatial distribution of pig herds
Activity: Talks and presentations › Conference presentations
The Danish Risk Management Strategy for Antimicrobial Usage and Antimicrobial Resistance in Food Producing Animals
Activity: Talks and presentations » Conference presentations

WHO activities for containment of antimicrobial resistance arising from non-human use of antimicrobials
Activity: Talks and presentations » Conference presentations

RUFF - Seminar om Fremtidens Fiskeforskning
Activity: Talks and presentations » Conference presentations

Experiences with project management and in particular management of large-scale projects
Activity: Talks and presentations » Guest lectures, external teaching and course activities at other universities

Anvendelse af antibiotika og forekomst af antibiotikaresistent hos dyr - behov og muligheder for kontrol
Activity: Talks and presentations » Guest lectures, external teaching and course activities at other universities

Principles for monitoring of antimicrobial resistance
Activity: Talks and presentations » Guest lectures, external teaching and course activities at other universities

In vivo study on selection of ESBL-producing Escherichia coli in the intestinal tract of pigs treated with extended-spectrum cephalosporins
Activity: Talks and presentations » Conference presentations

Anvendelse af antibiotika og forekomst af antibiotikaresistent hos dyr - behov og muligheder for kontrol
Activity: Talks and presentations » Talks and presentations in private or public companies and organisations

11th International Society for Veterinary Epidemiology and Economics
Activity: Attending an event » Participating in or organising a conference

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

What impact does the European ban of antibiotics in animal feed have on antibiotic resistance of animal bacteria?: The 16th European Congress of Clinical Microbiology and Infectious Diseases
Activity: Talks and presentations » Conference presentations

Spread of Multiple Resistant Salmonella Schwarzengrund from Thailand to Denmark and USA through International trade with food products
Activity: Talks and presentations » Conference presentations

Spread of Multiple Resistant Salmonella Schwarzengrund from Thailand to Denmark and USA through International Trade with Food Products; The 5th International Conference on Emerging Infectious Diseases
Activity: Talks and presentations » Conference presentations

Ten years of integrated monitoring of antimicrobial resistance in Denmark - what have we learnt about food borne Zoonoses?
Activity: Talks and presentations » Conference presentations

Udvikling og spredning af antibiotikaresistent - nationalt og internationalt
Activity: Talks and presentations » Talks and presentations in private or public companies and organisations
Antimicrobial resistance - Research in a globalised world
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Introduction to the work in the antibiotic resistance group at DFVF and risk assessment of food
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Overview and introduction. Antimicrobial growth promoters. Future aspects
Activity: Talks and presentations › Conference presentations

Udvikling og spredning af antibiotikaresistens - nationalt og internationalt
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Ten years of integrated monitoring of antimicrobial resistance in Denmark – what have we learnt about foodborne zoonoses?
Activity: Talks and presentations › Conference presentations

Mastitis diagnostik for dyrlæger
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Risikovurdering i relation til forskellige antibiotikagrupper og forbrug
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Monitoring of antimicrobial resistance
Activity: Talks and presentations › Conference presentations

Survivel of enterococci and fate of resistance genes from enterococci of animal origin in agricultural farmland soil
Activity: Talks and presentations › Conference presentations

Antimicrobial resistance in staphylococci
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

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

Efteruddannelsesdag for kliniske mikrobiologer
Activity: Talks and presentations › Conference presentations

Antimicrobial resistance in food
Activity: Talks and presentations › Conference presentations

Antimicrobial resistance in staphylococci
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities
Kursus i klinisk mikrobiologi
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Antibiotikaresistens
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Documentation of health status in dairy herds with focus on udder health and antibiotic resistance
Activity: Talks and presentations › Conference presentations

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

Courses on Zoonoses
Activity: Other

Antibiotikaresistens
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

The WHO Global Salmonella surveillance programme
Activity: Talks and presentations › Conference presentations

Longer duration of illness among Campylobacter patients treated with fluoroquinolones
Activity: Talks and presentations › Conference presentations

Programmes in Denmark aimed at limiting the occurrence of antimicrobial resistance in bacteria from food animals
Activity: Talks and presentations › Conference presentations

The consequences of discontinued use of antimicrobial growth promoters (AGP’s) for food producing animals in Denmark
Activity: Talks and presentations › Conference presentations

Surveillance of antimicrobial resistance among bacteria from food animals in Denmark, 1995-1998
Activity: Talks and presentations › Conference presentations

Examples of in vitro quinolone resistance prevalence - Trends in foodborne salmonella and campylobacter in Denmark
Activity: Talks and presentations › Conference presentations

The association between the use of avoparcin in food animals in Europe and the occurrence of nosocomial infections with VRE in USA
Activity: Talks and presentations › Conference presentations

Surveillance of antimicrobial resistance - requirements for monitoring programmes
Activity: Talks and presentations › Conference presentations

Press clippings:

Veterinaerforlig III
Press / Media

Indberetning af MRSA data til EFSA
Press / Media
WHO's prioriteringssliste for R&D
Press / Media

MRSA ekspertgruppe
Press / Media

MRSA
Press / Media

Antibiotika vægtning
Press / Media

Zinkforbrug i svin
Press / Media

DTU Fødevareinstituttets rådgivning af Fødevarestyrelsen om MRSA
Press / Media

Debatindlæg om MRSA og andre former for resistens
Press / Media

MRSA bekæmpelse
Press / Media

Ifm MRSA-dokumentar
Press / Media

MRSA
Press / Media

FN's topmøde om resistens; hvad er situationen globalt og mine forhåbninger.
Press / Media

Hvad synes jeg om at DTU-foods anbefalinger om MRSA ikke er blevet fulgt
Press / Media

MRSA og DRs dokumentar
Press / Media

Resistens, MRSA, mv
Press / Media

Resistens, MRSA, mv
Press / Media

MRSA
Press / Media

DANMAP
Press / Media
Reduktion i forbrug
Press / Media

MRSA handlingsplan
Press / Media

MRSA handlingsplan, specifikt om reduktion i forbrug
Press / Media

Antibiotikaforbrug, McDonald, USA
Press / Media

Antibiotikaresistens, antibiotikaforbrug, EFSA
Press / Media

Antibiotikaresistens, antibiotikaforbrug, MRSA, rådgivning og roller
Press / Media

MRSA
Press / Media

MRSA, samråd, Dan Jørgensen
Press / Media

MRSA
Press / Media

MRSA
Press / Media

MRSA
Press / Media

MRSA og dødsfald
Press / Media

MRSA og dødsfald
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MRSA
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MRSA
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MRSA og DANMAP
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Resistens og MRSA
Press / Media

Antibiotikaresistens og forbrug
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Resistens og MRSA
Press / Media

ESBL og MRSA i importeret fjærkræ
Press / Media

Resistens, gult kort til dyrlæger
Press / Media

De danske forbud mod vækstfremmere
Press / Media

Interview i TV-avisen
Press / Media

Interview til Der Spiegel
Press / Media

Interview i Søndagsmagasinet
Press / Media