Research outputs:

**Effects of fish size and route of infection on virulence of a Danish Yersinia ruckeri O1 biotype 2 strain in rainbow trout (Oncorhynchus mykiss)**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**A pentavalent vaccine for rainbow trout in Danish aquaculture**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Effect of oral booster vaccination of rainbow trout against Yersinia ruckeri depends on type of primary immunization**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Bacteriophage – based prophylactic treatment of rainbow trout to control Flavobacterium psychrophilum infections**
Research output: Research › Conference abstract for conference – Annual report year: 2018

**Effects of soluble immunostimulants on mucosal immune responses in rainbow trout immersion-vaccinated against Yersinia ruckeri**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Experimental anal infection of rainbow trout with Flavobacterium psychrophilum: A novel challenge model**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Genomic diversity and evolution of the fish pathogen Flavobacterium psychrophilum**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Molecular epidemiology of Photobacterium damselae subsp. damselae outbreaks in marine rainbow trout farms reveals extensive horizontal gene transfer and high genetic diversity**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Potential prophylactic measures and treatment methods againsts infections with Flavobacterium psychrophilum**
Research output: Research › Conference abstract for conference – Annual report year: 2018

**Secondary immune response of rainbow trout following repeated immersion vaccination**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Antimicrobial peptide CAP18 and its effect on Yersinia ruckeri infections in rainbow trout Oncorhynchus mykiss (Walbaum): comparing administration by injection and oral routes**
Research output: Research - peer-review › Journal article – Annual report year: 2016
Detection and quantification of Aeromonas salmonicida in fish tissue by real-time PCR
Research output: Research - peer-review › Journal article – Annual report year: 2017

Epidemiology of Danish Aeromonas salmonicida subsp salmonicida in Fish Farms Using Whole Genome Sequencing
Research output: Research - peer-review › Journal article – Annual report year: 2017

Genomic characterization of Flavobacterium psychrophilum serotypes and development of a multiplex PCR-based serotyping scheme
Research output: Research - peer-review › Journal article – Annual report year: 2017

Infection routes of Aeromonas salmonicida in rainbow trout monitored in vivo by real-time bioluminescence imaging
Research output: Research - peer-review › Journal article – Annual report year: 2016

In vivo adherence of Flavobacterium psychrophilum to mucosal external surfaces of rainbow trout (Oncorhynchus mykiss) fry
Research output: Research - peer-review › Journal article – Annual report year: 2017

Positive correlation between Aeromonas salmonicida vaccine antigen concentration and protection in vaccinated rainbow trout Oncorhynchus mykiss evaluated by a tail fin infection model
Research output: Research - peer-review › Journal article – Annual report year: 2016

Subunit vaccine candidates against Aeromonas salmonicida in rainbow trout Oncorhynchus mykiss
Research output: Research - peer-review › Journal article – Annual report year: 2017

A New Furunculosis Challenge Method for Evaluation of Vaccine Efficacy in Rainbow Trout
Research output: Research - peer-review › Journal article – Annual report year: 2016

Antigen Uptake during Different Life Stages of Zebrafish (Danio rerio) Using a GFP-Tagged Yersinia ruckeri
Research output: Research - peer-review › Journal article – Annual report year: 2016

Comparative Genome Analysis Provides Insights into the Pathogenicity of Flavobacterium psychrophilum
Research output: Research - peer-review › Journal article – Annual report year: 2016

Effect of Bacteriophages on the Growth of Flavobacterium psychrophilum and Development of Phage-Resistant Strains
Research output: Research - peer-review › Journal article – Annual report year: 2016

Epidemiological cut-off values for Flavobacterium psychrophilum MIC data generated by a standard test protocol
Research output: Research - peer-review › Journal article – Annual report year: 2015

Oil adjuvant elevates protection of rainbow trout (Oncorhynchus mykiss) following injection vaccination against Yersinia ruckeri
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2016

Testing experimental subunit furunculosis vaccines for rainbow trout
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2016

Aeromonas salmonicida infection in vaccinated rainbow trout: influence of challenge methods and environmental factors on challenge success
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
A novel challenge method with Aeromonas salmonicida in rainbow trout for evaluation of furunculosis vaccines
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Bacteriophage Resistance Mechanisms in the Fish Pathogen Flavobacterium psychrophilum: Linking Genomic Mutations to Changes in Bacterial Virulence Factors
Research output: Research - peer-review › Journal article – Annual report year: 2015

Booster immersion vaccination using diluted Yersinia ruckeri bacterin confers protection against ERM in rainbow trout
Research output: Research - peer-review › Journal article – Annual report year: 2015

Booster-vaccinering med fortyndet dypvaccine mod rødmundsyge forlænger beskyttelsesperioden
Research output: Research - peer-review › Journal article – Annual report year: 2015

Comparative evaluation of infection methods and environmental factors on challenge success: Aeromonas salmonicida infection in vaccinated rainbow trout
Research output: Research - peer-review › Journal article – Annual report year: 2015

Danish sea reared rainbow trout suffer from furunculosis despite vaccination - How can applied research help to solve the problem?
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Detection of Aeromonas salmonicida in fish tissue by real-time PCR
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Detection of Aeromonas salmonicida in fish tissue by real-time PCR
Research output: Research › Poster – Annual report year: 2015

Effect of hydrogen peroxide and/or Flavobacterium psychrophilum on the gills of rainbow trout, Oncorhynchus mykiss (Walbaum)
Research output: Research - peer-review › Journal article – Annual report year: 2015

Effects of adjuvant Montanide™ ISA 763 A VG in rainbow trout injection vaccinated against Yersinia ruckeri
Research output: Research - peer-review › Journal article – Annual report year: 2015

ERM immersion vaccination and adjuvants
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Evaluation of the immune response in rainbow trout fry, Oncorhynchus mykiss (Walbaum), after waterborne exposure to Flavobacterium psychrophilum and/or hydrogen peroxide
Research output: Research - peer-review › Journal article – Annual report year: 2014

Matrix-assisted laser desorption/ionization time of flight, MALDI-TOF, mass spectrometry for identification of fish pathogenic bacteria
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Matrix-assisted laser desorption/ionization time of flight, MALDI-TOF, mass spectrometry for identification of fish pathogenic bacteria
Research output: Research - peer-review › Poster – Annual report year: 2015

Matrix-assisted laser desorption/ionization time of flight, meldi-tof. mass spectrometry for identification of fish pathogenic bacteria
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
Variable Number of Tandem Repeats (VNTR) analysis of Flavobacterium psychrophilum from salmonids in Chile and Norway
Research output: Research - peer-review › Journal article – Annual report year: 2015

Detection and Quantification of Flavobacterium psychrophilum-Specific Bacteriophages In Vivo in Rainbow Trout upon Oral Administration: Implications for Disease Control in Aquaculture.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Diet type dictates the gut microbiota and the immune response against Yersinia ruckeri in rainbow trout (Oncorhynchus mykiss)
Research output: Research - peer-review › Journal article – Annual report year: 2014

Multilocus Sequence Typing Identifies Epidemic Clones of Flavobacterium psychrophilum in Nordic Countries
Research output: Research - peer-review › Journal article – Annual report year: 2014

Rainbow trout fed diets with varying content of marine and plant origin; how does that influence the outcome of experimental infections of the fry with Flavobacterium psychrophilum and Yersinia ruckeri?
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

The development of the gut microbiota in rainbow trout (Oncorhynchus mykiss) is affected by first feeding and diet type
Research output: Research - peer-review › Journal article – Annual report year: 2014

Time is of essence; rapid identification of veterinary pathogens using MALDI TOF
Research output: Research - peer-review › Poster – Annual report year: 2014

Vibriosis in aquaculture
Research output: Research - peer-review › Conference article – Annual report year: 2014

A simple and low-toxic method of preparing small specimens of bacteria, flagellates and their likes for Scanning Electron Microscopy
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Comparative evaluation of administration methods for a vaccine protecting rainbow trout against Yersinia ruckeri O1 biotype 2 infections
Research output: Research - peer-review › Journal article – Annual report year: 2013

Detection and quantification of Flavobacterium psychrophilum specific bacteriophages in rainbow trout upon different administration methods: Implications for disease control in aquaculture
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Diet type and challenge by Yersinia Ruckeri influence the intestinal microbiota in rainbow trout (Oncorhynchus Mykiss)
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Dispersal and Survival of Flavobacterium psychrophilum Phages In Vivo in Rainbow Trout and In Vitro under Laboratory Conditions: Implications for Their Use in Phage Therapy
Research output: Research - peer-review › Journal article – Annual report year: 2013

Effect of Hydrogen Peroxide on Immersion Challenge of Rainbow Trout Fry with Flavobacterium psychrophilum
Research output: Research - peer-review › Journal article – Annual report year: 2013
Yersinia ruckeri infection of rainbow trout: entrance portals and spread in the host
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Environmental factors affecting challenge success in vaccination studies
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Flavobacterium psychrophilum - Experimental challenge and immune response
Research output: Research › Ph.D. thesis – Annual report year: 2014

Immune Response in Head Kidney of Rainbow Trout Fry Following Stress and Infection with Flavobacterium Psychrophilum
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Insight from Molecular, Pathological, and Immunohistochemical Studies on Cellular and Humoral Mechanisms Responsible for Vaccine-Induced Protection of Rainbow Trout against Yersinia ruckeri
Research output: Research - peer-review › Journal article – Annual report year: 2013

Is the intestinal microbiota in rainbow trout (Oncorhynchus Mykiss) influenced by diet type and challenge by Yersinia Ruckeri?
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Is the intestinal microbiota in rainbow trout (oncorhynchus mykiss) influenced by diet type and challenge by yersinia ruckeri?
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Preventing Disease in Rainbow Trout Caused by Aeromonas Salmonicida
Research output: Research - peer-review › Poster – Annual report year: 2013

The immune response of rainbow trout to Flavobacterium psychrophilum following immersion-challenge model with and without hydrogen peroxide pre-treatment
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

The intestinal microbiota in rainbow trout (Oncorhynchus Mykiss) is influenced by diet type and Yersinia Ruckeri challenge
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Tissue specific uptake of inactivated and live Yersinia ruckeri in rainbow trout (Oncorhynchus mykiss): Visualization by immunohistochemistry and in situ hybridization
Research output: Research - peer-review › Journal article – Annual report year: 2013

Vibriosis in aquaculture. 16th EAFP Conference, Tampere, Finland, 4th September 2013
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2014

Baltic Salmon, Salmo salar, from Swedish River Lule Älv Is More Resistant to Furunculosis Compared to Rainbow Trout.
Research output: Research - peer-review › Journal article – Annual report year: 2012

Characterisation of the gut microflora in rainbow trout fry (Oncorhynchus mykiss) using deep-sequencing
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Comparative protection of two different commercial vaccines against Yersinia ruckeri serotype O1 and biotype 2 in rainbow trout (Oncorhynchus mykiss)
Research output: Research - peer-review › Journal article – Annual report year: 2012
Current research on Flavobacterium psychrophilum
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Determining Vaccination Frequency in Farmed Rainbow Trout Using Vibrio anguillarum O1 Specific Serum Antibody Measurements
Research output: Research - peer-review › Journal article – Annual report year: 2012

Diversity of Flavobacterium psychrophilum and the potential use of its phages for protection against bacterial cold water disease in salmonids
Research output: Research - peer-review › Journal article – Annual report year: 2012

Hydrogen peroxide as pre-treatment stressor in experimental immersion challenge of rainbow trout fry with Flavobacterium psychrophilum
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Immersion challenge with Flavobacterium psychrophilum in rainbow trout fry (Oncorhynchus mykiss)
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Improved ERM vaccination efficacy using combined vaccine administration methods
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Improved Protection of Rainbow Trout Against Furunculosis by an Autologous Vaccine Under Experimental Conditions
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Influence of organic diets and probiotics on an experimental Flavobacterium psychrophilum infection in rainbow trout fry
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Local and global scale host range patterns and distribution of bacteriophages infecting the fish pathogen Flavobacterium psychrophilum
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Økologisk regnbueørred – hvordan påvirker fodersammensætningen fiskenes sundhed?
Research output: Communication › Journal article – Annual report year: 2012

Optimering af driften på klassiske dambrug
Research output: Research - Report – Annual report year: 2013

Potential Role of Specific Antibodies as Important Vaccine Induced Protective Mechanism against Aeromonas salmonicida in Rainbow Trout.
Research output: Research - peer-review › Journal article – Annual report year: 2012

Potential role of specific antibodies in vaccine-induced protection against Aeromonas salmonicida subsp. salmonicida in rainbow trout (Oncorhynchus mykiss)
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Quality control ranges for testing broth microdilution susceptibility of Flavobacterium columnare and F. psychrophilum to nine antimicrobials
Research output: Research - peer-review › Journal article – Annual report year: 2012

The gut microbiota in rainbow trout changes after first feeding and is dependent on the type of diet
Research output: Research - peer-review › Poster – Annual report year: 2012
The role of the gills as potential portal of entry in rainbow trout fry syndrome
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Anvendelse af bakteriofager til kontrol af Flavobacterium psychrophilum i ørreddambrug
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

Challenge models for RTFS in rainbow trout fry (Oncorhynchus mykiss)
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

Flavobacterium psychrophilum, prevention and immune response
Research output: Research › Conference abstract for conference – Annual report year: 2011

Immune response in rainbow trout against infection with Flavobacterium psychrophilum
Research output: Research › Conference abstract for conference – Annual report year: 2011

Independent Emergence of Yersinia ruckeri Biotype 2 in the United States and Europe
Research output: Research › Journal article – Annual report year: 2011

Nyt fra Veterinærinstituttet: Bakteriofager til behandling af fiskesygdomme i akvakultur
Research output: Communication › Journal article – Annual report year: 2011

Phage-host interactions in Flavobacterium psychrophilum and the potential for phage therapy in aquaculture
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

Phage-host interactions in Flavobacterium psychrophilum and the potential for phage therapy in aquaculture
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

Resistance of Salmonds Against Aeromonas Salmonicida: Host Genetics as a Main Player
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

Vaccine Induced Specific Protection Against Enteric Red Mouth Disease (ERM) Caused by Yersinia Ruckeri Serotype 1 Biotype 2
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

Chemical surface disinfection of eggs of Baltic cod, Gadus morhua L.
Research output: Research › Journal article – Annual report year: 2010

Experimental vaccination of small turbot against bacterial and viral pathogens
Research output: Research › Conference abstract for conference – Annual report year: 2010

Flavobacterium psychrophilum infections in rainbow trout: possible control methods
Research output: Research › Conference abstract for conference – Annual report year: 2010

Risikovurdering - stamfiskovervåkning og vertikal smitteoverføring: Uttalelse fra Fagruppe for dyrehelse og dyrevelferd i Vitenskapsskikomiteen for mattrygghet
Research output: Research › Report – Annual report year: 2010

Yersinia ruckeri challenge with rainbow trout fed different diet
Research output: Research - peer-review › Poster – Annual report year: 2010
Antibiotic residues in fish from recirculated aquaculture
Research output: Research › Poster – Annual report year: 2009

Bakterielle infektioner hos torsk i opdræt
Research output: Research › Poster – Annual report year: 2009

Bath vaccination with Flavobacterium psychrophilum outer membrane vesicles: Up regulation of toll-like receptor in liver tissue
Research output: Research › Poster – Annual report year: 2009

Characterization of Flavobacterium psychrophilum isolates originating from rainbow trout farms with a high degree of water recirculation
Research output: Research › Conference abstract for conference – Annual report year: 2009

Characterization of Flavobacterium psychrophilum isolates originating from rainbow trout farms with a high degree of water recirculation
Research output: Research › Conference abstract for conference – Annual report year: 2009

Fate of Flavobacterium psychrophilum bacteria and phages in rainbow trout
Research output: Research › Conference abstract for conference – Annual report year: 2009

Fish diseases - an introduction
Research output: Research › peer-review › Book – Annual report year: 2009

Identification of flagellar motility genes in Yersinia ruckeri by transposon mutagenesis
Research output: Research › peer-review › Journal article – Annual report year: 2009

Isolering af Vibrio-arter fra østersyngel
Research output: Research › Conference abstract for conference – Annual report year: 2009

Produktion af torskelarver til udsætning i den østlige Østersø – RESTOCK
Research output: Research › Conference abstract in proceedings – Annual report year: 2009

Proteinafgrøder til økologiske regnbueørreder (Oncorhynchus mykiss)
Research output: Research › Report – Annual report year: 2009

Recent knowledge of Flavobacterium psychrophilum in Denmark
Research output: Research › peer-review › Article in proceedings – Annual report year: 2009

Recent knowledge on Flavobacterium psychrophilum in Denmark
Research output: Research › Conference abstract in proceedings – Annual report year: 2009

Yersinia ruckeri biotype 2 isolates from mainland Europe and the UK likely represent different clonal groups
Research output: Research › peer-review › Journal article – Annual report year: 2009

Bakterier og antibiotika: Fra: Drift og fiskesygdomme i modeldambrug: Master management system
Research output: Research › Report – Annual report year: 2008

Isolation and characterization of bacteriophages infecting the fish pathogen Flavobacterium psychrophilum
Research output: Research › peer-review › Journal article – Annual report year: 2008
Research output: Research › Report – Annual report year: 2008

Permanent network to strengthen expertise on infectious diseases of aquaculture species and scientific advice to EU policy. PANDA. WP4: Report on the current best methods for rapid and accurate detection on the main disease hazards in aquaculture, requirements for improvement, their eventual standardisation and validation, and how to achieve harmonised implementation throughout Europe of the best diagnostic methods
Research output: Research › Report – Annual report year: 2009

Rainbow trout farms with a high degree of recirculation: Are pathogenic bacteria a problem?
Research output: Research › Article in proceedings – Annual report year: 2008

Water recirculation and good management: potential methods to avoid disease outbreaks with Flavobacterium psychrophilum
Research output: Research - peer-review › Journal article – Annual report year: 2008

Bacterial infections in cod from "pre-production trials"
Research output: Research › Conference abstract in proceedings – Annual report year: 2007

Characterisation of Yersinia ruckeri by pulsed-field gel electrophoresis (PFGE) and multiple locus sequence typing (MLST)
Research output: Research › Conference abstract in proceedings – Annual report year: 2007

Isolation of Vibrio species from flat oyster (Ostrea edulis) larvae
Research output: Research › Conference abstract in proceedings – Annual report year: 2007

Profiling acylated homoserine lactones in Yersinia ruckeri and influence of exogenous acyl homoserine lactones and known quorum-sensing inhibitors on protease production
Research output: Research - peer-review › Journal article – Annual report year: 2007

Quorum sensing signals are produced by Aeromonas salmonicida and quorum sensing inhibitors can reduce production of a potential virulence factor
Research output: Research - peer-review › Journal article – Annual report year: 2007

Rainbow trout farms with a high degree of recirculation: Pathogenic bacteria and antimicrobial resistance
Research output: Research › Conference abstract in proceedings – Annual report year: 2007

The fate of chemical additives and antimicrobial agents applied in Danish freshwater fish farms
Research output: Research › Journal article – Annual report year: 2007

The impact of CWD/RTFS on rainbow trout farming in Denmark
Research output: Research › Conference abstract in proceedings – Annual report year: 2007

The tetracycline resistance gene tet(E) is frequently occurring and present on large horizontally transferable plasmids in Aeromonas spp. from fish farms
Research output: Research - peer-review › Journal article – Annual report year: 2007

Common errors in surveillance and monitoring programs on fish populations
Research output: Research › Poster – Annual report year: 2006

Isolation and characterization of lytic Flavobacterium psychrophilum bacteriophages
Research output: Research › Poster – Annual report year: 2006
Rainbow trout farms with a high degree of recirculation: are pathogenic bacteria a problem?
Research output: Research › Conference abstract in proceedings – Annual report year: 2006

Some aspects in epidemiology studies in shrimp farms and their impact in wild populations
Research output: Research › Poster – Annual report year: 2006

Transfer of pathogens between farmed and wild aquatic animals - epidemiological basis for demonstrating causality
Research output: Research › Poster – Annual report year: 2006

Winter ulcer disease of post-smolt Atlantic salmon: an unsuitable case for treatment?
Research output: Research - peer-review › Journal article – Annual report year: 2006

Characterisation of surface blebbing and membrane vesicles produced by Flavobacterium psychrophilum
Research output: Research - peer-review › Journal article – Annual report year: 2005

Flavobacterium psychrophilum in rainbow trout, Oncorhynchus mykiss (Walbaum), hatcheries: studies on broodstock, eggs, fry and environment
Research output: Research - peer-review › Journal article – Annual report year: 2005

Iron acquisition mechanisms of Flavobacterium psychrophilum
Research output: Research - peer-review › Journal article – Annual report year: 2005

Novel strategies for production of RTFS vaccines
Research output: Research › Article in proceedings – Annual report year: 2005

Quorum sensing signal molecules (acylated homoserine lactones) in Gram-negative fish pathogenic bacteria
Research output: Research - peer-review › Journal article – Annual report year: 2005

Rainbow trout fry syndrome: Diagnosis and control
Research output: Research › Article in proceedings – Annual report year: 2005

Standardization of a broth microdilution susceptibility testing method to determine minimum inhibitory concentrations of aquatic bacteria
Research output: Research - peer-review › Journal article – Annual report year: 2005

Vibrio and the diagnostic laboratory at the Danish Institute for Fisheries Research
Research output: Research › Article in proceedings – Annual report year: 2005

Visualisation of the bacterial surface - searching for vaccine candidates
Research output: Research › Article in proceedings – Annual report year: 2005

A comparison of oxolinic acid concentrations in farmed and laboratory held rainbow trout (Oncorhynchus mykiss) following oral therapy
Research output: Research - peer-review › Journal article – Annual report year: 2004

Attempt to validate breakpoint MIC values estimated from pharmacokinetic data obtained during oxolinic acid therapy of winter ulcer disease in Atlantic salmon (Salmo salar)
Research output: Research - peer-review › Journal article – Annual report year: 2004
Bakterie koster dambrugerne dyrt
Research output: Research › Journal article – Annual report year: 2004

Bakterie koster dambrugerne dyrt
Research output: Research › Journal article – Annual report year: 2004

On the validity of setting breakpoint minimum inhibition concentrations at one quarter of the plasma concentration achieved following oral administration of oxytetracycline
Research output: Research - peer-review › Journal article – Annual report year: 2004

Sygdomsproblemer ved opdræt af aborre (Perca fluviatilis)
Research output: Research › Report – Annual report year: 2004

The precision and robustness of published protocols for disc diffusion assays of antimicrobial agent susceptibility: an inter-laboratory study
Research output: Research - peer-review › Journal article – Annual report year: 2004

Undersøgelse af biologiske halveringstider, sedimentation og omdannelse af hjælpestoffer og medicin i dam- og havbrug, samt parameterfastsættelse og verifikation af udviklet dambrugsmodel
Research output: Research › Report – Annual report year: 2004

Association of Flavobacterium psychrophilum with rainbow trout (Oncorhynchus mykiss) kidney phagocytes in vitro
Research output: Research - peer-review › Journal article – Annual report year: 2003

Concomitant exposure of rainbow trout fry to Gyrodactylus derjavini and Flavobacterium psychrophilum: effects on infection and mortality of host
Research output: Research - peer-review › Journal article – Annual report year: 2003

Conjugal transfer of large plasmids conferring oxytetracycline (OTC) resistance: Transfer between environmental aeromonads, fish-pathogenic bacteria, and Escherichia coli
Research output: Research - peer-review › Journal article – Annual report year: 2003

Efficiency of oxytetracycline treatment in rainbow trout experimentally infected with Flavobacterium psychrophilum strains having different in vitro antibiotic susceptibilities
Research output: Research - peer-review › Journal article – Annual report year: 2003

Forebygelse af YDS (yngeldødelighedssyndrom) og begrænsning af medicinforbrug i æg- og yngelopdræt i danske dambrug
Research output: Research › Report – Annual report year: 2003

Involvement of a sialic acid-binding lectin with hemagglutination and hydrophobicity of Flavobacterium psychrophilum
Research output: Research - peer-review › Journal article – Annual report year: 2003

Forebygelse af YDS (yngeldødelighedssyndrom) og begrænsning af medicinforbrug i æg- og yngelopdræt i danske dambrug. Projektfase III: Slutrapport, oktober 2002
Research output: Research › Report – Annual report year: 2002
Misidentification of Vibrio cholerae O155 isolated from imported shrimp as O serogroup O139 due to cross-agglutination with commercial O139 antisera
Research output: Research - peer-review › Journal article – Annual report year: 2002

Occurrence of Flavobacterium psychrophilum in fish-farming environments
Research output: Research - peer-review › Journal article – Annual report year: 2002

Survival of Flavobacterium psychrophilum in rainbow trout (Oncorhynchus mykiss) serum in vitro
Research output: Research - peer-review › Journal article – Annual report year: 2002

Characterization of class 1 integrons associated with R-plasmids in clinical Aeromonas salmonicida isolates from various geographical areas
Research output: Research - peer-review › Journal article – Annual report year: 2001

Forebyggelse af YDS (yngeldødelighedssyndrom) og begrænsning af medicinforbrug i æg- og yngelopdræt i danske dambrug: Projektfase II: Slutrapport, september 2001
Research output: Research › Report – Annual report year: 2001

Incidence, distribution, and spread of tetracycline resistance determinants and integron-associated antibiotic resistance genes among motile aeromonads from a fish farming environment
Research output: Research - peer-review › Journal article – Annual report year: 2001

Phenotypic and genotypic characterization of Flavobacterium psychrophilum from Finnish fish farms
Research output: Research - peer-review › Journal article – Annual report year: 2001

Radiological examination of the spinal column in farmed rainbow trout Oncorhynchus mykiss (Walbaum): experiments with Flavobacterium psychrophilum and oxytetracycline
Research output: Research - peer-review › Journal article – Annual report year: 2001

Selection of media for antimicrobial susceptibility testing of fish pathogenic bacteria
Research output: Research - peer-review › Journal article – Annual report year: 2001

Antimicrobial resistance patterns in Danish isolates of Flavobacterium psychrophilum
Research output: Research - peer-review › Journal article – Annual report year: 2000

Bacterial pathogens in rainbow trout, Oncorhynchus mykiss (Walbaum), reared at Danish freshwater farms
Research output: Research - peer-review › Journal article – Annual report year: 2000

Comparative studies of Danish Flavobacterium psychrophilum isolates: ribotypes, plasmid profiles, serotypes and virulence
Research output: Research - peer-review › Journal article – Annual report year: 2000

Detection of Flavobacterium psychrophilum from fish tissue and water samples by PCR amplification
Research output: Research - peer-review › Journal article – Annual report year: 2000

Occurrence of Antimicrobial Resistance in Fish-Pathogenic and Environmental Bacteria Associated with Four Danish Rainbow Trout Farms
Research output: Research - peer-review › Journal article – Annual report year: 2000

Pulsed-field gel electrophoresis analysis of Aeromonas salmonicida ssp salmonicida
Research output: Research - peer-review › Journal article – Annual report year: 2000
Spinal deformities in triploid all-female rainbow trout (Oncorhynchus mykiss)
Research output: Research - peer-review › Journal article – Annual report year: 2000

Undersøgelse af eventuelle miljøpåvirkninger af hjælpestoffer og medicin i ferskvandsdambrug samt metoder til at reducere/eliminere sådanne påvirkninger
Research output: Research › Report – Annual report year: 2000

Indole-positive Vibrio vulnificus isolated from disease outbreaks on a Danish eel farm
Research output: Research - peer-review › Journal article – Annual report year: 1999

Polymerase chain reaction (PCR)-based typing analysis of atypical isolates of the fish pathogen Aeromonas salmonicida
Research output: Research - peer-review › Journal article – Annual report year: 1999

Reproducible methods for experimental infection with Flavobacterium psychrophilum in rainbow trout Oncorhynchus mykiss
Research output: Research - peer-review › Journal article – Annual report year: 1999

Vertebral column deformities in farmed rainbow trout (Oncorhynchus mykiss)
Research output: Research - peer-review › Journal article – Annual report year: 1999

Bakterien Vibrio vulnificus betydning for sygdomsudbrud i åleopdræt
Research output: Research › Journal article – Annual report year: 1998

Characterization of atypical Aeromonas salmonicida by different methods
Research output: Research - peer-review › Journal article – Annual report year: 1998

Characterization of Danish Flavobacterium psychrophilum strains isolated from rainbow trout (Oncorhynchus mykiss) by ribotyping and plasmid profiles
Research output: Research › Article in proceedings – Annual report year: 1998

Characterization of Flavobacterium psychrophilum; comparison of proteolytic activity and virulence of strains isolated from rainbow trout (Oncorhynchus mykiss)
Research output: Research - peer-review › Book chapter – Annual report year: 1998

Forekomst af bakterielle infektioner i regnbueørreder i 5 ferskvandsdambrug i årene 1994 og 1995: Med vægt på bakterien Flavobacterium psychrophilum
Research output: Research › Report – Annual report year: 1998

Heterogeneity among isolates of Vibrio vulnificus recovered from eels (Anguilla anguilla) in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 1998

Identification of atypical Aeromonas salmonicida: Inter-laboratory evaluation and harmonization of methods
Research output: Research - peer-review › Journal article – Annual report year: 1998

Improved isolation of Vibrio vulnificus from seawater and sediment with cellobiose-colistin agar
Research output: Research - peer-review › Journal article – Annual report year: 1998

Occurrence of Vibrio vulnificus biotypes in Danish marine environments
Research output: Research - peer-review › Journal article – Annual report year: 1998

Occurrence and significance of atypical Aeromonas salmonicida in non-salmonid and salmonid fish species: A review
Research output: Research - peer-review › Journal article – Annual report year: 1998
An experimental model for infection of rainbow trout (Oncorhynchus mykiss) with Flavobacterium psychrophilum.
Research output: Research › Conference abstract in proceedings – Annual report year: 1997

Characterization of isolates of Flavobacterium psychrophilum associated with coldwater disease or rainbow trout fry syndrome I : phenotypic and genomic studies
Research output: Research › peer-review › Journal article – Annual report year: 1997

Er der sammenhæng mellem "skæve" fisk, antibiotikabehandling og/eller yngeldødelighedssyndromet (YDS)?
Research output: Research › Journal article – Annual report year: 1997

Karakterisering af Flavobacterium psychrophilum ; sammenligning af proteolytisk aktivitet og virulens hos isolater fra regnbueørred
Research output: Research › Journal article – Annual report year: 1997

Occurrence of Vibrio vulnificus in the Danish marine environment
Research output: Research › Conference abstract in proceedings – Annual report year: 1997

SJVF forskningsprogrammet "Sygdomsforebyggelse, genetik og ernæring ved produktion af regnbueørred": Forskningsaktiviteter på Fiskepatologisk laboratorium, Danmarks Fiskeriundersøgelser
Research output: Research › Journal article – Annual report year: 1997

Undersøgelse af forekomst og betydning af Flavobacterium psychrophilum i 5 danske dambrug i årene 1994 og 1995
Research output: Research › Journal article – Annual report year: 1997

Vaccination improves survival of Baltic salmon ( Salmo salar ) smolts in delayed release sea ranching (net-pen period)
Research output: Research › peer-review › Journal article – Annual report year: 1997

Vibrio damsela associated with diseased fish in Denmark
Research output: Research › peer-review › Journal article – Annual report year: 1997

Characterization of atypical Aeromonas salmonicida isolates by ribotyping and plasmid profiling
Research output: Research › peer-review › Journal article – Annual report year: 1996

Comparison of a commercial biochemical kit and an oligonucleotide probe for identification of environmental isolates of Vibrio vulnificus
Research output: Research › peer-review › Journal article – Annual report year: 1996

Forbedret overlevelse af laksesmolt i Østersøen efter vaccinering
Research output: Research › Report – Annual report year: 1996

Fortsatte undersøgelser af yngeldødelighedssyndromet (YDS) hos regnbueørred. Delrapport B : Undersøgelse vedrørende årsagerne til deformiteter hos fisk
Research output: Research › Report – Annual report year: 1996

Prevalence and characterization of Vibrio cholerae isolated from shrimp products imported into Denmark
Research output: Research › peer-review › Journal article – Annual report year: 1996

Undersøgelse af forekomst og betydning af Vibrio vulnificus i badevand, ål og importerede skaldyrsprodukter
Research output: Research › Journal article – Annual report year: 1996
A multidisciplinary Danish research program on rainbow trout (Oncorhynchus mykiss) farming
Research output: Research - peer-review › Journal article – Annual report year: 1995

Atypical Aeromonas salmonicida associated with ulcerated flatfish species in the Baltic Sea and the North Sea
Research output: Research - peer-review › Journal article – Annual report year: 1995

Forekomst og betydning af Vibrio vulnificus i kystnære områder. Evaluering af Al 20E og DNA probe til påvisning af V. vulnificus
Research output: Research › Journal article – Annual report year: 1995

Aeromonas salmonicida subsp. salmonicida: correlation of protein patterns, antibiotic resistance, exoprotease activity, haemolysis and pathological lesions produced in vivo
Research output: Research - peer-review › Journal article – Annual report year: 1994

A multi-disciplinary Danish research programme on rainbow trout (Oncorhynchus mykiss) farming.
Research output: Research › Conference abstract for conference – Annual report year: 1994

Characteristics of "atypical", cytochrome oxidase-negative Aeromonas salmonicida isolated from ulcerated flounders (Platichthys flesus (L.))
Research output: Research - peer-review › Journal article – Annual report year: 1994

Characterization of Aeromonas salmonicida subsp. salmonicida: A comparative study of strains of different geographic origin
Research output: Research - peer-review › Journal article – Annual report year: 1994

Diseases and injuries associated with mortality of hatchery reared Baltic cod (Gadus morhua L.) larvae
Research output: Research - peer-review › Journal article – Annual report year: 1993

Isolation of Cytophaga psychrophila (Flexibacter psychrophilus) from wild and farmed rainbow trout (Oncorhynchus mykiss) in Finland
Research output: Research - peer-review › Journal article – Annual report year: 1994

Virulence mechanisms in Cytophaga psychrophila and other Cytophaga-like bacteria pathogenic for fish
Research output: Research - peer-review › Journal article – Annual report year: 1993

Mycobacteriosis in cod (Gadus Morhua L.) in Danish coastal waters
Research output: Research - peer-review › Journal article – Annual report year: 1992

Enrofloxacin as an antibiotic in fish
Research output: Research - peer-review › Journal article – Annual report year: 1991

Plasmids in Vibrio salmonicida isolates from The Faroe Islands
Research output: Research - peer-review › Journal article – Annual report year: 1991

Preliminary investigations of fry mortality syndrome in rainbow trout
Research output: Research - peer-review › Journal article – Annual report year: 1991

Skin symptoms among workers in the fish processing industry are caused by high molecular weight compounds
Research output: Research - peer-review › Journal article – Annual report year: 1991

Study of Vibrio anguillarum strains from different sources with emphasis on ecological and pathobiological properties
Research output: Research - peer-review › Journal article – Annual report year: 1988
Vibrio salmonicida isolated from farmed Atlantic salmon in the Faroe Islands
Research output: Research - peer-review › Journal article – Annual report year: 1988

Disease problems in Danish eel farms
Research output: Research - peer-review › Journal article – Annual report year: 1987

Atypical Aeromonas salmonicida isolated from diseased sand-eels, Ammodytes lancea (Cuvier) and Hyperoplus lanceolatus (Lesauvege)
Research output: Research - peer-review › Journal article – Annual report year: 1986

Observation on enteric redmouth in Denmark
Research output: Research › Conference abstract for conference – Annual report year: 1985

First observation of Yersinia ruckeri in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 1984

Occurrence of VHS in Danish maricultured rainbow trout
Research output: Research - peer-review › Journal article – Annual report year: 1984

Bakteriologiske undersøgelser af den naturlige flora i kvæg- og svinegylle
Research output: Research › Ph.D. thesis – Annual report year: 1982

A comprehensive study of environmental and human pathogenic Vibrio alginolyticus strains
Research output: Research - peer-review › Journal article – Annual report year: 1981

Occurrence of Vibrio parahaemolyticus and Vibrio alginolyticus in marine and estuarine bathing areas in Danish coast
Research output: Research › Journal article – Annual report year: 1981

Spring ulcer disease in eels
Research output: Research - peer-review › Journal article – Annual report year: 1981

Projects:

Bacteriophage based technology to control Flavobacterium pathogens in aquaculture
Project: PhD

Prevention disease caused by Aeromonas salmonicida
Project: PhD

Flavobacterium psychrophilum, forebyggelse og immunforsvar
Project: PhD

Antibiotikaresistens hos bakterier i dansk fiskeopdræt
Project: Research

Fiskesygdomskurser - Udvikling af kursustilbud til akvakulturbrugere om fiskesygdomme, med primærfokus på forebyggelse og behandling samt reduktion af negative miljøeffekter
Project: Research
Minimering af antibiotikaforbrug i akvakultur gennem stikvaccinering af små fisk
Project: Research

Control Flavobacteriaceae infections in European fish farms
Project: Research

RESTOCK (38568) (38400 pre-project)
Project: Research

Organic Aquaculture - the linkage between sustainable production and superior products
Project: Research

Danish Fish Immunology Research Network
Project: Research

Improved vaccination strategies in marine aquaculture
Project: Research

Influence of probiotics and feed on organic rainbow trout health
Project: Research

Control Flavobacteriaceae infections in European fish farms
Project: Research

Anvendelse af bakteriofagterapi til behandling af fiskesygdomme i akvakultur
Project: Research