Inger Dalsgaard - DTU Orbit (26/10/2017)

Dalsgaard, Inger
inda@vet.dtu.dk
National Veterinary Institute - Associate Professor
Bacteriology & Parasitology

Publications:

**Antimicrobial peptide CAP18 and its effect on Yersinia ruckeri infections in rainbow trout Oncorhynchus mykiss (Walbaum): comparing administration by injection and oral routes**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Detection and quantification of Aeromonas salmonicida in fish tissue by real-time PCR**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Genomic characterization of Flavobacterium psychrophilum serotypes and development of a multiplex PCR-based serotyping scheme**
Publication: 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**
Bartkova, S., Kokotovic, B. & Dalsgaard, I. 2017 In : Journal of Fish Diseases. 40, 1, p. 73-82
Publication: 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**
Publication: 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**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Secondary immune response of rainbow trout following repeated immersion vaccination**
Publication: Research - peer-review › Journal article – Annual report year: 2017

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

**Aeromonas salmonicida – Epidemiology, whole genome sequencing, detection and in vivo imaging**
Bartkova, S., Dalsgaard, I. & Kokotovic, B. 2016 Frederiksberg C: National Veterinary Institute, Technical University of Denmark. 63 p.
Publication: Research › Ph.D. thesis – Annual report year: 2016
A New Furunculosis Challenge Method for Evaluation of Vaccine Efficacy in Rainbow Trout
Marana, M. H., Chettri, J. K., Skov, J., Dalsgaard, I., Kania, P. W. & Buchmann, K. 2016 In : Open Journal of Immunology. 6, 4, p. 136-147
Published: 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
Published: Research - peer-review • Journal article – Annual report year: 2016

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

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

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

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

Testing experimental subunit furunculosis vaccines for rainbow trout
Published: 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
Published: 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
Published: 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
Published: Research - peer-review • Journal article – Annual report year: 2015
Booster immersion vaccination using diluted Yersinia ruckeri bacterin confers protection against ERM in rainbow trout
Publication: Research - peer-review › Journal article – Annual report year: 2015

Booster-vaccinering med fortyndet dypvaccine mod rødmundsyge forlænger beskyttelsesperioden
Publication: 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
Publication: 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?
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

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

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

ERM immersion vaccination and adjuvants
Publication: 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
Publication: 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
Publication: 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
Publication: Research - peer-review › Poster – Annual report year: 2015

Variable Number of Tandem Repeats (VNTR) analysis of Flavobacterium psychrophilum from salmonids in Chile and Norway
Publication: 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.
Publication: 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)
Publication: Research - peer-review › Journal article – Annual report year: 2014

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

Time is of essence; rapid identification of veterinary pathogens using MALDI TOF
Nonnemann, B., Dalsgaard, I., Pedersen, K., Andresen, L. O. & Kokotovic, B. 2014
Publication: Research - peer-review › Poster – Annual report year: 2014
Vibriosis in aquaculture
Publication: 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
Publication: 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
Publication: 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
Publication: 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 (Onchorhyncus Mykiss)
Ingerslev, H-C., Dalsgaard, I., Jørgensen, L. V. G. & Madsen, L. 2013
Publication: 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
Publication: Research - peer-review › Journal article – Annual report year: 2013

Effect of Hydrogen Peroxide on Immersion Challenge of Rainbow Trout Fry with Flavobacterium psychrophilum
Publication: Research - peer-review › Journal article – Annual report year: 2013

Yersinia ruckeri Infection of rainbow trout: entrance portals and spread in the host
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

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

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

Immune Response in Head Kidney of Rainbow Trout Fry Following Stress and Infection with Flavobacterium Psychrophilum
Publication: 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*


Publication: 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*?


Publication: 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?

Ingerslev, H-C., Dalsgaard, I., Jørgensen, L. V. G. & Madsen, L. 2013

Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Preventing Disease in Rainbow Trout Caused by *Aeromonas Salmonicida*

Bartkova, S., Kokotovic, B. & Dalsgaard, I. 2013

Publication: 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


Publication: 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

Ingerslev, H-C., Dalsgaard, I., Jørgensen, L. V. G. & Madsen, L. 2013

Publication: 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


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

Vibriosis in aquaculture. 16th EAFP Conference, Tampere, Finland, 4th September 2013


Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2014


Publication: Research - peer-review › Journal article – Annual report year: 2012

Characterisation of the gut microflora in rainbow trout fry (*Oncorhynchus mykiss*) using deep-sequencing


Publication: 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*)


Publication: Research - peer-review › Journal article – Annual report year: 2012
Current research on Flavobacterium psychrophilum
Dalsgaard, I., Henriksen, M. M. M., Christiansen, R. H. & Madsen, L. 2012 Program and abstract for the conference Flavobacterium 2012. Åbo Akademi University, p. 83
Publication: 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
Publication: 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
Publication: 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
Henriksen, M. M. M., Madsen, L. & Dalsgaard, I. 2012 Program and abstract for the conference Flavobacterium 2012. Åbo Akademi University, p. 79
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

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

Improved ERM vaccination efficacy using combined vaccine administration methods
Publication: 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
Publication: 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
Madsen, L., Ingerslev, H-C., Boye, M. & Dalsgaard, I. 2012 Program and abstract for the conference Flavobacterium 2012. Åbo Akademi University, p. 88
Publication: 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
Middelboe, M., Castillo, D., H. Cristiansen, R., Madsen, L., Dalsgaard, I. & Espejo, R. 2012
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

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

Optimering af driften på klassiske dambrug
Potential Role of Specific Antibodies as Important Vaccine Induced Protective Mechanism against Aeromonas salmonicida in Rainbow Trout.

Potential role of specific antibodies in vaccine-induced protection against Aeromonas salmonicida subsp. salmonicida in rainbow trout (Oncorhynchus mykiss)

Quality control ranges for testing broth microdilution susceptibility of Flavobacterium columnare and F. psychrophilum to nine antimicrobials

The gut microbiota in rainbow trout changes after first feeding and is dependent on the type of diet
Ingerslev, H-C., Boye, M., Dalsgaard, I. & Madsen, L. 2012

The role of the gills as potential portal of entry in rainbow trout fry syndrome

Anvendelse af bakteriofager til kontrol af Flavobacterium psychrophilum i ørreddambrug

Challenge models for RTFS in rainbow trout fry (Oncorhynchus mykiss)

Flavobacterium psychrophilum, prevention and immune response
Henriksen, M. M. M. & Dalsgaard, I. 2011

Immune response in rainbow trout against infection with Flavobacterium psychrophilum

Independent Emergence of Yersinia ruckeri Biotype 2 in the United States and Europe

Nyt fra Veterinærinstituttet: Bakteriofager til behandling af fiskesygdomme i akvakultur
Dalsgaard, I. & Madsen, L. 2011 In : Dansk Veterinaerlidsskrift. 94, 1, p. 37
Phage-host interactions in Flavobacterium psychrophilum and the potential for phage therapy in aquaculture
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Resistance of Salmonids Against Aeromonas Salmonicida: Host Genetics as a Main Player
Publication: Research - peer-review › 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
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Chemical surface disinfection of eggs of Baltic cod, Gadus morhua L.
Overton, J. L., Bruun, M. S. & Dalsgaard, I. 2010 In : Journal of Fish Diseases. 33, 9, p. 707-716
Publication: Research - peer-review › Journal article – Annual report year: 2010

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

Yersinia ruckeri challenge with rainbow trout fed different diet
Madsen, L. & Dalsgaard, I. 2010
Publication: Research - peer-review › Poster – Annual report year: 2010

Bacterial infecioner hos torsk i opdræt
Dalsgaard, I., Bruun, M. S. & Madsen, L. 2009
Publication: Research › Poster – Annual report year: 2009

Bath vaccination with Flavobacterium psychrophilum outer membrane vesicles: Up regulation of toll-like receptor in liver tissue
Bruun, M. S., Raida, M. & Dalsgaard, I. 2009
Publication: Research › Poster – Annual report year: 2009
Isolation and characterization of bacteriophages infecting the fish pathogen Flavobacterium psychrophilum
Publication: Research - peer-review › Journal article – Annual report year: 2008

Publication: 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
Publication: Research › Report – Annual report year: 2008

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

Water recirculation and good management: potential methods to avoid disease outbreaks with Flavobacterium psychrophilum
Madsen, L. & Dalsgaard, I. 2008 In : Journal of Fish Diseases. 31, 11, p. 799-810
Publication: Research - peer-review › Journal article – Annual report year: 2008

Bacterial infections in cod from "pre-production trials"
Dalsgaard, I., Bruun, M. S. & Madsen, L. 2007 EAFP, 13th International Conference "Diseases of Fish and Shellfish", Grado, Italy.
Publication: 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)
Publication: Research › Conference abstract in proceedings – Annual report year: 2007

Isolation of Vibrio species from flat oyster (Ostrea edulis) larvae
Publication: 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
Publication: 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
Rasch, M., Kastbjerg, V. G., Bruhn, J. B., Dalsgaard, I., Givskov, M. C. & Gram, L. 2007 In : Diseases of Aquatic Organisms. 78, 2, p. 105-113
Publication: Research - peer-review › Journal article – Annual report year: 2007

Rainbow trout farms with a high degree of recirculation: Pathogenic bacteria and antimicrobial resistance
Publication: Research › Conference abstract in proceedings – Annual report year: 2007
The fate of chemical additives and antimicrobial agents applied in Danish freshwater fish farms
Publication: Research › Journal article – Annual report year: 2007

The impact of CWD/RTFS on rainbow trout farming in Denmark
Dalsgaard, I., Bruun, M. S. & Madsen, L. 2007 Flavobacterium 2007 Workshop, Shepherdstown, West Virginia, USA, 2-4 September. 9 p.
Publication: 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
Publication: Research - peer-review › Journal article – Annual report year: 2007

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

Isolation and characterization of lytic Flavobacterium psychrophilum bacteriophages
Stenholm, A. R., Middelboe, M. & Dalsgaard, I. 2006
Publication: Research › Poster – Annual report year: 2006

Økologisk fiskeopdræt: Rapport fra en vidensyntese om udviklingsmuligheder inden for økologisk fiskeopdræt i Danmark
Publication: Research › Report – Annual report year: 2006

Rainbow trout farms with a high degree of recirculation: are pathogenic bacteria a problem?
Publication: Research › Conference abstract in proceedings – Annual report year: 2006

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

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

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

Characterisation of surface blebbing and membrane vesicles produced by Flavobacterium psychrophilum
Møller, J. D., Barnes, A. C., Dalsgaard, I. & Ellis, A. E. 2005 In : Diseases of Aquatic Organisms. 64, 3, p. 201-209
Publication: 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
Madsen, L., Møller, J. D. & Dalsgaard, I. 2005 In : Journal of Fish Diseases. 28, 1, p. 39-47
Publication: Research - peer-review › Journal article – Annual report year: 2005
Iron acquisition mechanisms of Flavobacterium psychrophilum
Møller, J. D., Ellis, A. E., Barnes, A. C. & Dalsgaard, I. 2005 In : Journal of Fish Diseases. 28, 7, p. 391-398
Publication: Research - peer-review › Journal article – Annual report year: 2005

Novel strategies for production of RTFS vaccines
Møller, J. D. & Dalsgaard, I. 2005 SCOFDA Workshop "Diagnosis and Control of Fish Diseases", The Royal Veterinary and Agricultural University, November 2 and 3. p. 18-19
Publication: Research › Article in proceedings – Annual report year: 2005

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

Rainbow trout fry syndrome: Diagnosis and control
Dalsgaard, I., Bruun, M. S. & Madsen, L. 2005 Abstracts from SCOFDA Workshop "Diagnosis and Control of Fish Diseases", The Royal Veterinary and Agricultural University, November 2 and 3. p. 17-18
Publication: Research › Article in proceedings – Annual report year: 2005

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

Vibrio and the diagnostic laboratory at the Danish Institute for Fisheries Research
Dalsgaard, I. 2005 Abstracts from SCOFDA symposium : Diagnosis, control and pathogenicity of fishpathogenic bacteria of the genus Vibrio , the Royal Veterinary and Agricultural University, May 3. 31 p.
Publication: Research › Article in proceedings – Annual report year: 2005

Visualisation of the bacterial surface - searching for vaccine candidates
Publication: 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
Publication: 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)
Publication: Research - peer-review › Journal article – Annual report year: 2004

Bakterie koster dambrugerne dyrt
Madsen, L. & Dalsgaard, I. 2004 In : Ferskvandsfiskeribladet. 102, 11, p. 150-155
Publication: Research › Journal article – Annual report year: 2004

Bakterie koster dambrugerne dyrt
Madsen, L. & Dalsgaard, I. 2004 In : Fisk og Hav. 57, p. 28-38
Publication: 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
Publication: Research - peer-review › Journal article – Annual report year: 2004

Sygdomsproblemer ved opdræt af aborre (Perca fluviatilis)
Publication: 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
Publication: 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
Publication: Research › Report – 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: Supplerende teknisk rapport
Publication: Research › Report – Annual report year: 2004

Association of Flavobacterium psychrophilum with rainbow trout (Oncorhynchus mykiss) kidney phagocytes in vitro
Wiklund, T. & Dalsgaard, I. 2003 In : Fish & Shellfish Immunology. 15, 5, p. 387-395
Publication: 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
Publication: 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
Publication: 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
Bruun, M. S., Madsen, L. & Dalsgaard, I. 2003 In : Aquaculture. 215, 1-4, p. 11-20
Publication: Research - peer-review › Journal article – Annual report year: 2003

Forebygelse af YDS (yngeldødelighedssyndrom) og begrænsning af medicinforbrug i æg- og yngelopdræt i danske dambrug
Publication: Research › Report – Annual report year: 2003
Involvement of a sialic acid-binding lectin with hemagglutination and hydrophobicity of Flavobacterium psychrophilum
Møller, J. D., Larsen, J. L., Madsen, L. & Dalsgaard, I. 2003 In : Applied and Environmental Microbiology. 69, 9, p. 5275-5280
Publication: Research - peer-review › Journal article – Annual report year: 2003

Forebygelse af YDS (yngeldødelighedssyndrom) og begrænsning af medicinforske i æg- og yngelopdræt i danske dambrug. Projektfase III : Slutrapport, oktober 2002
Publication: 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
Dalsgaard, A., Mazur, J. & Dalsgaard, I. 2002 In : Journal of Food Protection. 65, 4, p. 670-672
Publication: Research - peer-review › Journal article – Annual report year: 2002

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

Survival of Flavobacterium psychrophilum in rainbow trout (Oncorhynchus mykiss) serum in vitro
Wiklund, T. & Dalsgaard, I. 2002 In : Fish & Shellfish Immunology, 12, 2, p. 141-153
Publication: 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
Publication: 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
Publication: Research - peer-review › Journal article – Annual report year: 2001

Selection of media for antimicrobial susceptibility testing of fish pathogenic bacteria
Dalsgaard, I. 2001 In : Aquaculture. 196, 3-4, p. 267-275
Publication: Research - peer-review › Journal article – Annual report year: 2001
Antimicrobial resistance patterns in Danish isolates of Flavobacterium psychrophilum
Publication: Research - peer-review › Journal article – Annual report year: 2000

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

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

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

Pulsed-field gel electrophoresis analysis of Aeromonas salmonicida ssp salmonicida
Publication: Research - peer-review › Journal article – Annual report year: 2000

Spinal deformities in triploid all-female rainbow trout ( Oncorhynchus mykiss )
Publication: 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
Sørkjaer, O., Pedersen, P. B., Dalsgaard, I., Nielsen, P. & Aarup, P. 2000 Charlottenlund: Danmarks Fiskeriundersøgelser
. 206 p. (DFU-rapport; No. 79-00).
Publication: Research › Report – Annual report year: 2000

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

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

Vertebral column deformities in farmed rainbow trout ( Oncorhynchus mykiss )
Publication: Research - peer-review › Journal article – Annual report year: 1999
Bakterien Vibrio vulnificus betydning for sygdomsudbrud i åleopdræt
Dalsgaard, I. & Høi, L. 1998 In : Ålerusen. 11, p. 3-4
Publication: Research › Journal article – Annual report year: 1998

Characterization of atypical Aeromonas salmonicida by different methods
Publication: 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
Publication: 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)
Publication: 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
Publication: Research › Report – Annual report year: 1998

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

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

Occurrence of Vibrio vulnificus biotypes in Danish marine environments
Publication: 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
Wiklund, T. & Dalsgaard, I. 1998 In : Diseases of Aquatic Organisms. 32, 1, p. 49-69
Publication: Research - peer-review › Journal article – Annual report year: 1998

An experimental model for infection of rainbow trout (Oncorhynchus mykiss) with Flavobacterium psychrophilum.
Publication: 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
Publication: Research - peer-review › Journal article – Annual report year: 1997

Er der sammenhæng mellem "skæve" fisk, antibiotikabehandling og/eller yngeldødelighedssyndromet (YDS)?
Madsen, L. & Dalsgaard, I. 1997 In : Ferskvandsfiskeribladet. 95, p. 190-191
Publication: Research › Journal article – Annual report year: 1997

Karakterisering af Flavobacterium psychrophilum ; sammenligning af proteolytisk aktivitet og virulens hos isolater fra regnbueørred
Madsen, L. & Dalsgaard, I. 1997 In : Meddelande / Laxforskningsinstitutet. 2, p. 21-22
Publication: Research › Journal article – Annual report year: 1997

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

SJVF forskningsprogrammet "Sygdomsforebygelse, genetik og ernæring ved produktion af regnbueørred": Forskningsaktiviteter på Fiskepatologisk laboratorium, Danmarks Fiskeriundersøgelser
Dalsgaard, I. & Madsen, L. 1997 In : Ferskvandsfiskeribladet. 95, p. 153-156
Publication: Research › Journal article – Annual report year: 1997

Undersøgelse af forekomst og betydning af Flavobacterium psychrophilum i 5 danske dambrug i årene 1994 og 1995
Dalsgaard, I. 1997 In : Meddelande / Laxforskningsinstitutet. 2, p. 18-20
Publication: Research › Journal article – Annual report year: 1997

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

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

Characterization of atypical Aeromonas salmonicida isolates by ribotyping and plasmid profiling
Pedersen, K., Dalsgaard, I. & Larsen, J. L. 1996 In : Journal of Applied Bacteriology. 80, 1, p. 37-44
Publication: 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
Publication: Research - peer-review › Journal article – Annual report year: 1996

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

Fortsatte undersøgelser af yngeldødelighedssyndromet (YDS) hos regnbueørred. Delrapport B : Undersøgelse vedrørende årsagerne til deformiteter hos fisk
Publication: Research › Report – Annual report year: 1996
Prevalence and characterization of Vibrio cholerae isolated from shrimp products imported into Denmark
Publication: Research - peer-review › Journal article – Annual report year: 1996

Undersøgelse af forekomst og betydning af Vibrio vulnificus i badevand, ål og importerede skaldyrsprodukter
Dalsgaard, A., Høi, L., Dalsgaard, I. & Larsen, J. L. 1996 In : Dansk Veterinaertidsskrift. 79, p. 244-245
Publication: Research › Journal article – Annual report year: 1996

A multidisciplinary danish research program on rainbow trout (Onchorhynchus mykiss) farming
Publication: 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
Publication: Research - peer-review › Journal article – Annual report year: 1995

Forekomst og betydning af Vibrio vulnificus i kystnære områder. Evaluering af AI 20E og DNA probe til påvisning af V. vulnificus
Publication: 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
Publication: Research - peer-review › Journal article – Annual report year: 1994

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

Characteristics of "atypical", cytochrome oxidase-negative Aeromonas salmonicida isolated from ulcerated flounders (Platichthys flesus (L.))
Wiklund, T., Dalsgaard, I., Eerola, E. & Olivier, G. 1994 In : Journal of Applied Microbiology. 76, 5, p. 511-520
Publication: Research - peer-review › Journal article – Annual report year: 1994

Characterization of Aeromonas salmonicida subsp. salmonicida: A comparative study of strains of different geographic origin
Dalsgaard, I., Nielsen, B. & Larsen, J. L. 1994 In : Journal of Applied Microbiology. 77, 1, p. 21-30
Publication: Research - peer-review › Journal article – Annual report year: 1994

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

Isolation of Cytophaga psychrophila (Flexibacter psychrophilus) from wild and farmed rainbow trout (Onchorhynchus mykiss) in Finland
Publication: Research - peer-review › Journal article – Annual report year: 1994
Virulence mechanisms in Cytophaga psychrophila and other Cytophaga-like bacteria pathogenic for fish
Dalsgaard, I. 1993 In : Annual Review of Fish Diseases. 3, p. 127-144
Publication: Research - peer-review › Journal article – Annual report year: 1993

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

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

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

Preliminary investigations of fry mortality syndrom in rainbow trout
Publication: 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
Dalsgaard, I., Halkier-Sørensen, L., Heickendorff, L. & Thøstrup-Pedersen, K. 1991 In : Contact Dermatitis. 24, 2, p. 94-100
Publication: Research - peer-review › Journal article – Annual report year: 1991

Study of Vibrio anguillarum strains from different sources with emphasis on ecological and pathobiological properties
Publication: Research - peer-review › Journal article – Annual report year: 1988

Vibrio salmonicida isolated from farmed Atlantic salmon in the Faroe Islands
Publication: Research - peer-review › Journal article – Annual report year: 1988

Disease problems in Danish eel farms
Møllergaard, S. & Dalsgaard, I. 1987 In : Aquaculture. 67, 1-2, p. 139-146
Publication: Research - peer-review › Journal article – Annual report year: 1987

Atypical Aeromonas salmonicida isolated from diseased sand-eels, Ammodytes lancea (Cuvier) and Hyperoplus lanceolatus (Lesauvege)
Dalsgaard, I. & Paulsen, H. 1986 In : Journal of Fish Diseases. 9, 4, p. 361-346
Publication: Research - peer-review › Journal article – Annual report year: 1986

Observation on enteric redmouth in Denmark
Dalsgaard, I., Harlyck, V., Jørgensen, P. E. V., Olesen, N. J. & From, J. 1985
Publication: Research › Conference abstract for conference – Annual report year: 1985

First observation of Yersinia ruckeri in Denmark
Dalsgaard, I., From, J. & Harlyck, V. 1984 In : European Association of Fish Pathologists. Bulletin. 4, 1, p. 10
Publication: Research - peer-review › Journal article – Annual report year: 1984

Occurrence of VHS in Danish maricultured rainbow trout
Bakteriologiske undersøgelser af den naturlige flora i kvæg- og svinegylle
Publication: Research › Ph.D. thesis – Annual report year: 1982

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

Spring ulcer disease in eels
Dalsgaard, I. 1981 In : European Association of Fish Pathologists. Bulletin. 1, 1, p. 18-19
Publication: Research - peer-review › Journal article – Annual report year: 1981

Projects:

Bacteriophage based technology to control Flavobacterium pathogens in aquaculture
Donati, V. L., Dalsgaard, I. & Madsen, L.
01/10/2017 → 30/09/2020
Project: PhD

Prevention disease caused by Aeromonas salminicida
Bartkova, S., Dalsgaard, I., Kokotovic, B., Pedersen, K., Bojesen, A. M. & Colquhoun, D. J.
01/08/2012 → 30/06/2016
Project: PhD

Antibiotikaresistens hos bakterier i dansk fiskeopdræt
Dalsgaard, I. & Madsen, L.
01/10/2011 → 31/03/2013
Project

Minimering af antibiotikaforbrug i akvakultur gennem stikvaccinering af små fisk
Dalsgaard, I., Henriksen, N. H., Priess, M., Red, T., Clausen, T. & Buchmann, K.
01/07/2011 → 31/12/2014
Project

Fiskesygdomskurser - Udvikling af kursustilbud til akvakulturbrugere om fiskesygdomme, med primær fokus på forebyggelse og behandling samt reduktion af negative miljøeffekter
Dalsgaard, I.
01/07/2011 → 31/12/2012
Project

Control Flavobacteriaceae infections in European fish farms
Dalsgaard, I.
01/03/2011 → 28/02/2014
Project

Control Flavobacteriaceae infections in European fish farms
Duchaud, E., Nicolas, P., Amedeo, M., Wiklund, T., Nielsen, H. K., Dalsgaard, I., Brudeseth, E., Skorski, G. & Whali, T.
01/01/2011 → 28/02/2014
Project
Flavobacterium psychrophilum, forebyggelse og immunforsvar
15/06/2010 → 26/02/2014
Project: PhD

Anvendelse af bakteriofagterapi til behandling af fiskesygdomme i akvakultur
Middelboe, M., Dalsgaard, I., Madsen, L., Larsen, A. H., Johansen, E., Nielsen, T. & Henriksen, N. H.
01/06/2010 → 31/05/2013
Project

Danish Fish Immunology Research Network
Buchmann, K., Pedersen, K., Jørgensen, T. R., Viuff, B. M., Salomonsen, J., Aasted, B., Mazaheri, S., Lorenzen, N.,
Einer-Jensen, K., Rasmussen, J. S., Kjær, T., Troels, L. K., Dalsgaard, I., Madsen, L., Nielsen, M. E., Skjødt, K., Koch, C.,
Vitved, L., Hvelplund, J., Reilly, S., Henryon, M., Nielsen, T., Sørensen, K. E., Adams, A., Hjermslev, N., Evensen, Ø.,
Secombes, C., Collett, B., Fischer, U., Henriksen, N. H. & Nylén, J.
01/01/2009 → 31/12/2013
Project

Flavobacterium psychrophilum, epidemiologi og virulens faktorer
Andersen, J. H., Dalsgaard, I. & Molin, S.
01/06/2008 → 28/02/2013
Project: PhD

Improved vaccination strategies in marine aquaculture
Lorenzen, N., Rasmussen, J. S., Lorenzen, E., Olesen, N. J., Dalsgaard, I., Pedersen, K., Buchmann, K., Hansen, P. J.,
Henriksen, N. H., Hørlyck, V., Sørensen, K. E., Nielsen, T., Madsen, S. B., Nylén, J. & Melingen, G. O.
01/04/2008 → 30/09/2012
Project

Organic Aquaculture - the linkage between sustainable production and superior products
McKenzie, D. J., Jokumsen, A., Pedersen, L., Dalsgaard, I., Nielsen, H. H., Jacobsen, C. M., Jessen, F., Larsen, E. P.,
Nielsen, M. E., Kold, J. & Larsen, V. J.
01/01/2006 → 31/12/2010
Project

RESTOCK (38566) (38400 pre-project)
Sichlau, M.
01/01/2005 → 31/12/2007
Project

Influence of probiotics and feed on organic rainbow trout health
Madsen, L., Dalsgaard, I., Buchmann, K., Larsen, A. H. & Henriksen, N. H.
11/01/2001 → 30/06/2014
Project