Research outputs:

**Demonstration of herd immunity effects in dna vaccinated rainbow trout**
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2019 › Research › peer-review

**Time-course study of the protection induced by an interferon-inducible DNA vaccine against viral haemorrhagic septicaemia in rainbow trout**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Antiviral immunity in fish – functional analysis using DNA vaccination as a tool**
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2013 › Research › peer-review

**DNA vaccination in fish promotes an early chemokine-related recruitment of B cells to the muscle**
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

**Use of DNA vaccination for determination of onset of adaptive immunity in rainbow trout fry**
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

**DNA vaccination of small rainbow trout fry against VHSV**
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2012 › Research › peer-review

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

**General and family-specific gene expression responses to viral hemorrhagic septicaemia virus infection in rainbow trout (Oncorhynchus mykiss)**
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

**Temperature influences the expression profiling of immune response genes in rainbow trout following DNA vaccination and VHS virus infection**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research › peer-review

**The Protective Mechanisms Induced by a DNA Vaccine in Fish Depend on Temperature**
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2011 › Research › peer-review

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

**Expression Profiling of Immune Response Genes in Rainbow Trout Following DNA Vaccination and VHS Virus Infection**
Research output: Contribution to conference › Poster – Annual report year: 2010 › Research › peer-review
Immersion exposure of rainbow trout (Oncorhynchus mykiss) fry to wildtype Flavobacterium psychrophilum induces no mortality, but protects against later intraperitoneal challenge
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

N-Linked Glycans on the Viral Glycoprotein are not Required for Induction of Protective Immunity to VHSV when Delivered as a DNA Vaccine
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research › peer-review

Protection Against Viral Haemorrhagic Septicemia Virus (VHSV) in Rainbow Trout Using a DNA Vaccine with MX1 Promotor Controlled Expression of the Viral G Protein
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research › peer-review

Response to Viral Infection differs between families of Rainbow Trout
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research

Studies on herd-immunity and primary versus secondary infection of VHSV in challenge and vaccination trials with rainbow trout
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research › peer-review

Temperature effects on vaccine induced immunity to viruses in fish
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research

DNA Vaccines against Viral Diseases: Basic Immunological Aspects and Applied Perspectives
Research output: Contribution to journal › Conference article – Annual report year: 2009 › Research › peer-review

Dual DNA vaccination of rainbow trout (Oncorhynchus mykiss) against two different rhabdoviruses, VHSV and IHNV, induces specific divalent protection
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Functional demonstration of adaptive immunity in zebrafish using DNA vaccination.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2009 › Research

Interference of an ERM-vaccine with a VHS-DNA vaccine in rainbow trout
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2009 › Research

Studies on herd-immunity and primary versus secondary infection of VHSV in challenge and vaccination trials with rainbow trout
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2009 › Research

The protective mechanisms induced by a fish rhabdovirus DNA vaccine depend on temperature
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

THE PROTECTIVE MECHANISMS INDUCED BY A FISH RHABDOVIRUS DNA-VACCINE DEPENDS ON TEMPERATURE
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2009 › Research › peer-review

Time course study of in situ expression of antigens following DNA-vaccination against VHS in rainbow trout (Oncorhynchus mykiss Walbaum) fry
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review
A DNA vaccine directed against a rainbow trout rhabdovirus induces early protection against a nodavirus challenge in turbot.

Immunity induced shortly after DNA vaccination of rainbow trout against rhabdoviruses protects against heterologous virus but not against bacterial pathogens.

Immunity to viral haemorrhagic septicaemia (VHS) following DNA vaccination of rainbow trout at an early life-stage.

DNA vaccination of rainbow trout against viral hemorrhagic septicaemia virus: A dose-response and time-course study.

Immunoprophylaxis in fish by injection of mouse antibody genes.

BKD i Danmark: Status after to sæsoner.

Inter-laboratory comparison of cell lines for susceptibility to three viruses: VHSV, IHNV and IPNV.

Protective immunity to VHS in rainbow trout (Oncorhynchus mykiss, Walbaum) following DNA vaccination.

Characterization of isolates of Flavobacterium psychrophilum associated with coldwater disease or rainbow trout fry syndrome II: serological studies.

Characterization of isolates of Flavobacterium psychrophilum associated with coldwater disease or rainbow trout fry syndrome I: phenotypic and genomic studies.

First demonstration of Renibacterium salmoninarum/ BKD in Denmark.

Påvisning af bakteriel nyresyge (BKD) hos regnbueørred i Danmark.

Simultaneous demonstration of infectious pancreatic necrosis virus (IPNV) and Flavobacterium psychrophilum in paraffin-embedded specimens of rainbow trout Oncorhynchus mykiss fry by use of paired immunohistochemistry.

Vaccination of rainbow trout against VHS using live attenuated vaccines: Danish field trials from 1978 to 1983.

An immunohistochemical study of Flexibacter psychrophilus infection in experimentally and naturally infected rainbow trout (Oncorhynchus mykiss) fry.
Sammendrag af undersøgelser vedr. yngeldødelighedssyndromet. Afsnit 1
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research

Sammendrag af undersøgelser vedr. yngeldødelighedssyndromet. Afsnit 2
Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research

Differentiation of VHS virus isolates by use of monoclonal antibodies
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1995 › Research

Outbreaks of IPN in reared fry of Atlantic cod Gadus morhua
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1995 › Research

Serological studies on Danish isolates of Flexibacter psychrophilus associated with coldwater disease or rainbow trout fry syndrome
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1993 › Research

Vaccination trials on rainbow trout fry using formaline killed cells of F.psychrophilus
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 1993 › Research

Projects:

Improved vaccination strategies in marine aquaculture
Project: Research