Ellen Lorenzen - DTU Orbit (04/02/2018)

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Publications:

**Antiviral immunity in fish – functional analysis using DNA vaccination as a tool**
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

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

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

**DNA vaccination of small rainbow trout fry against VHSV**
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

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

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

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

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

**Expression Profiling of Immune Response Genes in Rainbow Trout Following DNA Vaccination and VHS Virus Infection**
Publication: Research - peer-review › Poster – Annual report year: 2010

**Immersion exposure of rainbow trout (Oncorhynchus mykiss) fry to wildtype Flavobacterium psychrophilum induces no mortality, but protects against later intraperitoneal challenge**
Publication: Research - peer-review › Journal article – Annual report year: 2010

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

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

**Response to Viral Infection differs between families of Rainbow Trout**
Publication: Research › Conference abstract for conference – Annual report year: 2010
Studies on herd-immunity and primary versus secondary infection of VHSV in challenge and vaccination trials with rainbow trout
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2010

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

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

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

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

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

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

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

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

Time course study of in situ expression of antigens following DNA-vaccination against VHS in rainbow trout (Onchorhynchus mykiss Walbaum) fry
Publication: Research - peer-review › Journal article – Annual report year: 2005

A DNA vaccine directed against a rainbow trout rhabdovirus induces early protection against a nodavirus challenge in turbot
Publication: Research - peer-review › Journal article – Annual report year: 2003

Immunity induced shortly after DNA vaccination of rainbow trout against rhabdoviruses protects against heterologous virus but not against bacterial pathogens
Publication: Research - peer-review › Journal article – Annual report year: 2002

Immunity to viral haemorrhagic septicaemia (VHS) following DNA vaccination of rainbow trout at an early life-stage
Publication: Research - peer-review › Journal article – Annual report year: 2001

DNA vaccination of rainbow trout against viral hemorrhagic septicemia virus: A dose-response and time-course study
Publication: Research - peer-review › Journal article – Annual report year: 2000

Immunoprophylaxis in fish by injection of mouse antibody genes
Publication: Research - peer-review › Journal article – Annual report year: 2000
BKD i Danmark: Status efter to sæsoner
Publication: Research › Journal article – Annual report year: 1999

Inter-laboratory comparison of cell lines for susceptibility to three viruses: VHSV, IHNV and IPNV
Publication: Research - peer-review › Journal article – Annual report year: 1999

Protective immunity to VHS in rainbow trout (Oncorhynchus mykiss, Walbaum) following DNA vaccination
Publication: Research - peer-review › Journal article – Annual report year: 1998

Characterization of isolates of Flavobacterium psychrophilum associated with coldwater disease or rainbow trout fry syndrome II: serological studies
Publication: Research - peer-review › Journal article – 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

First demonstration of Renibacterium salmoninarum/ BKD in Denmark
Publication: Research › Journal article – Annual report year: 1997

Påvisning af bakteriel nyresyge (BKD) hos regnbueørred i Danmark.
Publication: Research › Journal article – Annual report year: 1997

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
Publication: Research - peer-review › Journal article – Annual report year: 1997

Vaccination of rainbow trout against VHS using live attenuated vaccines: Danish field trials from 1978 to 1983.
Publication: Research › Conference abstract in proceedings – Annual report year: 1996

An immunohistochemical study of Flexibacter psychrophilus infection in experimentally and naturally infected rainbow trout (Oncorhynchus mykiss) fry
Publication: Research - peer-review › Journal article – Annual report year: 1996

Sammendrag af undersøgelser vedr. yngeldødelighedssyndromet. Afsnit 1
Publication: Research › Journal article – Annual report year: 1996

Sammendrag af undersøgelser vedr. yngeldødelighedssyndromet. Afsnit 2
Publication: Research › Journal article – Annual report year: 1996

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

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

Serological studies on Danish isolates of Flexibacter psychrophilus associated with coldwater disease or rainbow trout fry syndrome
Publication: Research › Conference abstract for conference – Annual report year: 1993
Vaccination trials on rainbow trout fry using formaline killed cells of F. psychrophilus
Publication: Research › Conference abstract for conference – Annual report year: 1993

Projects:

Improved vaccination strategies in marine aquaculture
Project