Publications:

Piscine orthoreovirus infection in Atlantic salmon (Salmo salar) protects against subsequent challenge with infectious hematopoietic necrosis virus (IHNV)
Publication: Research - peer-review › Journal article – Annual report year: 2018

Virulence marker candidates in N-protein of viral haemorrhagic septicaemia virus (VHSV): virulence variability within VHSV Ib clones
Publication: Research - peer-review › Journal article – Annual report year: 2018

Emergence of a new rhabdovirus associated with mass mortalities in eelpout (Zoarces viviparus) in the Baltic Sea
Publication: Research - peer-review › Journal article – Annual report year: 2017

Emergence of carp edema virus (CEV) and its significance to European common carp and koi Cyprinus carpio
Publication: Research - peer-review › Journal article – Annual report year: 2017

Genomic Sequencing of Ranaviruses Isolated from Edible Frogs (Pelophylax esculentus)
Publication: Research - peer-review › Journal article – Annual report year: 2017

Infection experiments with novel Piscine orthoreovirus from rainbow trout (Oncorhynchus mykiss) in salmonids
Publication: Research - peer-review › Journal article – Annual report year: 2017

Rainbow trout red mark syndrome lesion development visualized
Publication: Research - peer-review › Poster – Annual report year: 2017

Validation of a KHV antibody enzyme-linked immunosorbent assay (ELISA)
Publication: Research - peer-review › Journal article – Annual report year: 2017

Validation of a serum neutralization test for detection of antibodies specific to cyprinid herpesvirus 3 in infected common and koi carp (Cyprinus carpio)
Publication: Research - peer-review › Journal article – Annual report year: 2017

Viral haemorrhagic septicaemia virus (VHSV) remains viable for several days but at low levels in the water flea Moina macrocopa
Publication: Research - peer-review › Journal article – Annual report year: 2018
A novel multiplex RT-qPCR method based on dual-labelled probes suitable for typing all known genotypes of viral haemorrhagic septicaemia virus
Publication: Research - peer-review › Journal article – Annual report year: 2015

First evidence of infectious hematopoietic necrosis virus (IHNV) in the Netherlands
Publication: Research - peer-review › Journal article – Annual report year: 2016

Fish health in Mediterranean Aquaculture, past mistakes and future challenges
Publication: Research - peer-review › Journal article – Annual report year: 2016

Genomic Sequence of a Ranavirus Isolated from Short-Finned Eel (Anguilla australis)
Publication: Research - peer-review › Journal article – Annual report year: 2016

Genomic Sequencing of Ranaviruses Isolated from Turbot (Scophthalmus maximus) and Atlantic Cod (Gadus morhua)
Publication: Research - peer-review › Journal article – Annual report year: 2016

Molecular tracing of viral diseases in aquaculture
Publication: Research - peer-review › Journal article – Annual report year: 2016

Phylogeny of the Viral Hemorrhagic Septicemia Virus in European Aquaculture
Publication: Research - peer-review › Journal article – Annual report year: 2016

Recommended reporting standards for test accuracy studies of infectious diseases of finfish, amphibians, molluscs and crustaceans: the STRADAS-aquatic checklist
Publication: Research - peer-review › Journal article – Annual report year: 2016

Virulence of viral haemorrhagic septicaemia virus (VHSV) genotype III in rainbow trout
Publication: Research - peer-review › Journal article – Annual report year: 2016

Characterization of eelpout rhabdovirus (ERV) on cell culture
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Complete genome sequence of eelpout rhabdovirus (ERV) identified by deep sequencing of viral RNA
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Detection of antibodies specific to koi herpesvirus (KHV) by serum neutralization test
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Evaluation of the effect of percolation and NaCl solutions on viral haemorrhagic septicaemia virus (VHSV) under experimental conditions
Publication: Research - peer-review › Journal article – Annual report year: 2016

Fishpathogens.eu/noda: a free and handy online platform for Betanodavirus targeted research and data sharing
Publication: Research - peer-review › Journal article – Annual report year: 2015

Genetics of VHSV in Europe
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Inactivation of vhs by infiltration and salt under experimental conditions
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015
Inter-laboratory proficiency test on notifiable fish diseases: a tool to strengthen diagnostic capacities for viral fish diseases
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Isolation of VHS and IHN from recent outbreaks on croatian rainbow trout farms
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Mass mortalities in baltic sea eelpout (Zoarces viviparus) caused by a new rhabdovirus
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Molecular tracing of VHS in Denmark
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Sygdom og sundhed
Publication: Research - peer-review › Book chapter – Annual report year: 2016

VHS virus - present situation
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Viral haemorrhagic septicemia virus (VHSV): on the search for determinants important for virulence in rainbow trout Oncorhynchus mykiss
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Detection of virus level in tissues of rainbow trout, Oncorhynchus mykiss in clinical stage of viral hemorrhagic septicemia
Publication: Research - peer-review › Journal article – Annual report year: 2015

Evolutionary dynamics and genetic diversity from three genes of Anguillid rhabdovirus
Publication: Research - peer-review › Journal article – Annual report year: 2014

First isolation of hirame rhabdovirus from freshwater fish in Europe.
Publication: Research - peer-review › Journal article – Annual report year: 2014

Koi herpesvirus disease (khvd) surveillance and diagnosis
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Molecular tracing of aquatic viruses - MOLTRAQ
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Molecular Tracing of Aquatic Viruses - MOLTRAQ
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Molecular tracing of VHS in Denmark
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Report on EURL training course 2014
Publication: Research › Report – Annual report year: 2014

Results of the proficiency test, PT1 and PT2, 2014
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Screening for Viral Hemorrhagic Septicemia Virus in Marine Fish along the Norwegian Coastal Line
Publication: Research - peer-review › Journal article – Annual report year: 2014
Spatio-temporal risk factors for viral haemorrhagic septicaemia (VHS) in Danish aquaculture
Publication: Research - peer-review › Journal article – Annual report year: 2014

A multiplex Real Time RT-PCR for genotyping of VHSV
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Atlantic herring shows high mortality rate in bath challenge with viral haemorrhagic septicaemia virus (VHSV)
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Development and validation of a novel Taqman-based real-time RT-PCR assay suitable for demonstrating freedom from viral haemorrhagic septicaemia virus
Publication: Research - peer-review › Journal article – Annual report year: 2013

Draft EURL Workplan for 2014
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

EURL activities in 2012
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

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

European herring shows high mortality rate in bath challenge with viral haemorrhagic septicaemia virus (VHSV)
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Fishpathogens.eu/noda: A free and handy online platform for betanodavirus targeted research and data sharing
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Fishpathogens.EU/NODA: A Free and Handy Online Platform for Betanodavirus Targeted Research and Data Sharing
Publication: Research › Poster – Annual report year: 2013

Molecular tracing of viral pathogens in aquaculture - A multidisciplinary Trans-European research project
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Molecular tracing of viral pathogens in aquaculture - A multidisciplinary trans-European research project
Publication: Research › Poster – Annual report year: 2013

Report on EURL training course 2013
Publication: Research › Report – Annual report year: 2013

Results of the Proficiency Test, PT1 and PT2, 2012
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Risiko for Epizootisk Ulcerativt Syndrom hos danske fisk: Nyt fra Veterinærinstituttet
Publication: Research - peer-review › Journal article – Annual report year: 2013

Susceptibility of various Japanese freshwater fish species to an isolate of viral haemorrhagic septicaemia virus (VHSV) genotype IVb
Publication: Research - peer-review › Journal article – Annual report year: 2014
Trade practices are main factors involved in the transmission of viral haemorrhagic septicaemia
Publication: Research - peer-review › Journal article – Annual report year: 2012

Viral Haemorrhagic Septicaemia Virus
Publication: Research - peer-review › Book chapter – Annual report year: 2013

Diagnostic capacity for viral haemorrhagic septicaemia virus (VHSV) infection in rainbow trout (Oncorhynchus mykiss) is greatly increased by combining viral isolation with specific antibody detection
Publication: Research - peer-review › Journal article – Annual report year: 2012

EURL activities in 2011
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

EURL workplan for 2012
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

European freshwater VHSV genotype Ia isolates divide into two distinct subpopulations
Publication: Research - peer-review › Journal article – Annual report year: 2012

First Detection of Hirame Rhabdovirus (HIRRV) in Europe
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Health Categorisation of Fish Farms In Europe In 2011
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Inactivation of VHSV by Percolation and Salt Under Experimental Conditions
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Molecular Tracing of Viral Pathogen in Aquaculture (MOLTRAQ): a new EMIDA project
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Outcome on EPIZONE Extension on VER/ VNN: Diagnostics, proficiency test and qRT-PCR validation
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Overview of the Disease Situation and Surveillance in Europe In 2011
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Results of the Proficiency Test, PT1 and PT2, 2011
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Typing of viral hemorrhagic septicemia virus by monoclonal antibodies
Publication: Research - peer-review › Journal article – Annual report year: 2012

A global taqman based real time RT-PCR assay suitable for surveillance and diagnosis of viral haemorrhagic septicaemia virus
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

Assessment of the Epitope Specificity of Monoclonal Antibodies that can Discriminate between the Various Genotypes of VHSV
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011
Diagnostic tools: Development and validation of tests for detection of viral diseases
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

Epizootic ulcerative syndrome (EUS): development and implementation of diagnostic methods
Publication: Research - peer-review › Poster – Annual report year: 2011

FishPathogens.eu a new database in the research of aquatic animal diseases
Publication: Research - peer-review › Poster – Annual report year: 2011

Infectious Pancreatic Necrosis (IPN), a New Threat of Cultured Rainbow Trout in Iran
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

Rainbow trout surviving infections of viral haemorrhagic septicemia virus (VHSV) show lasting antibodies to recombinant G protein fragments
Publication: Research - peer-review › Journal article – Annual report year: 2011

Validation of a Taqman based real time RT-PCR assay suitable for surveillance and diagnosis of Viral Haemorrhagic Septicaemia Virus worldwide
Publication: Research - peer-review › Poster – Annual report year: 2011

Viral haemorrhagic septicemia virus (VHSV) in rainbow trout: virulence variability within genotype Ib isolates
Publication: Research - peer-review › Poster – Annual report year: 2011

When geographic information meets molecular data
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

An isolate and sequence database of infectious haematopoietic necrosis virus (IHNV)
Publication: Research - peer-review › Journal article – Annual report year: 2010

Comparative study of tranavirus isolates from cod (Gadus morhua) and turbot (Psetta maxima) with reference to other ranaviruses
Publication: Research - peer-review › Journal article – Annual report year: 2010

Development of a monoclonal antibody against viral haemorrhagic septicaemia virus (VHSV) genotype IVa
Publication: Research - peer-review › Journal article – Annual report year: 2010

Development of a real-time-RT-PCR suitable for the detection of Viral Haemorrhagic Septicaemia Virus (VHSV)
Publication: Research - peer-review › Poster – Annual report year: 2010

DYRLÆGENS HJØRNE: Fund af bakterier i fisk der potentielt kan være årsag til sygdom i mennesker
Publication: Communication › Journal article – Annual report year: 2010

First isolation and genotyping of viruses from recent outbreaks of viral haemorrhagic septicaemia (VHS) in Slovenia
Publication: Research - peer-review › Journal article – Annual report year: 2010

Fishpathogens.eu: A database based on freeware suitable for storing isolate and sequence data of pathogens
Publication: Research - peer-review › Poster – Annual report year: 2010

Molecular tracing of viral haemorrhagic septicaemia viruses from Denmark provides evidence of more viral clades and cases of introduction through long distance transportation
Publication: Research - peer-review › Paper – Annual report year: 2010
Nyt fra Veterinærinstituttet: Fund af potentielt humanpatogene bakterier i fisk
Publication: Communication › Journal article – Annual report year: 2010

Antibody response of rainbow trout with single or double infections involving viral haemorrhagic septicaemia virus and infectious haematopoietic necrosis virus
Publication: Research - peer-review › Journal article – Annual report year: 2009

Contingency plans for the control and eradication of diseases in aquaculture
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

Detection of infectious pancreatic necrosis virus from rainbow trout, Oncorhynchus mykiss (Walbaum), using the macrophage lysis method
Publication: Research - peer-review › Journal article – Annual report year: 2009

Distinction of genotypes of viral haemorrhagic septicaemia virus (VHSV) by monoclonal antibodies
Publication: Research › Conference abstract for conference – Annual report year: 2009

FishPathogens.eu/vhsv: a user-friendly viral haemorrhagic septicaemia virus isolate and sequence database
Publication: Research - peer-review › Journal article – Annual report year: 2009

FishPathogens.eu/vhsv: A user-friendly Viral Haemorrhagic Septicaemia Virus (VHSV) isolate and sequence database
Publication: Research › Poster – Annual report year: 2009

Inter-laboratory proficiency tests to detect viral fish diseases.
Publication: Research › Poster – Annual report year: 2009

Nyt fra Veterinærinstituttet: VHS er en trussel for havbrug - særlig om vinteren
Publication: Communication › Journal article – Annual report year: 2009

O-005: Detection of antibodies against VHSV and IHNV in rainbow trout (Oncorhynchus mykiss)
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

O-021: A retrospective cluster-analysis of the occurrence of viral haemorrhagic septicaemia in Denmark
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

O-114: Distinction between genotypes of viral haemorrhagic septicaemia virus (VHSV) using monoclonal antibodies
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

Outbreak of viral haemorrhagic septicaemic (VHS) in seawater-farmed rainbow trout in Norway caused by VHS virus genotype III
Publication: Research - peer-review › Journal article – Annual report year: 2009

P-001: Koi herpes virus world wide: results of the global KHV questionnaire 2007-2009
Publication: Research › Poster – Annual report year: 2009

PATHOLOGY AND EPIDEMIOLOGY OF VIRAL HAEMORRHAGIC SEPTICAEMIA OUTBREAKS IN POLAND
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2009

Photobacterium damselae subsp damselae, an emerging pathogen in Danish rainbow trout, Oncorhynchus mykiss (Walbaum), mariculture
Publication: Research - peer-review › Journal article – Annual report year: 2009
Phylogenetic characterisation of European fresh water viral haemorrhagic septicaemia virus (VHSV) isolates
Publication: Research › Poster – Annual report year: 2009

Detection of antibodies against VHSV and IHNV in rainbow trout
Publication: Research › Poster – Annual report year: 2009

Proficiency testing of national reference laboratories for fish diseases
Publication: Research › Peer-review › Journal article – Annual report year: 2009

Susceptibility testing of fish cell lines for virus isolation
Publication: Research › Peer-review › Journal article – Annual report year: 2009

Dyrlægens hjørne: VHS er en trussel for havbrug - særligt om vinteren
Publication: Communication › Journal article – Annual report year: 2009

Egtvedsyge og frontforskning i fiskevacciner. Århusafdelingens indsats har været meget vigtig for forskningen i og bekæmpelsen af Egtvedsyge, en alvorlig sygdom hos dambrugsfisk i Europa og USA
Publication: Research › Journal article – Annual report year: 2008

National biosecurity approaches, plans and programmes in response to diseases in farmed aquatic animals: evolution, effectiveness and the way forward
Publication: Research › Peer-review › Journal article – Annual report year: 2008

Nye anmeldepligtige fiskesygdomme
Publication: Research › Journal article – Annual report year: 2008

Surveillance of health status on eight marine rainbow trout, Oncorhynchus mykiss (Walbaum), farms in Denmark in 2006
Publication: Research › Peer-review › Journal article – Annual report year: 2008

Classification of viral haemorrhagic septicaemia virus (VHSV) and how do we define the disease VHS?
Publication: Research › Conference abstract for conference – Annual report year: 2007

Detection of rainbow trout antibodies against viral haemorrhagic septicaemia virus (VHSV) by neutralisation test is highly dependent on the virus isolate used
Publication: Research › Peer-review › Journal article – Annual report year: 2007

Molecular and phylogentic studies of perch rhabdoviruses (P-11)
Publication: Research › Poster – Annual report year: 2007

Molecular studies of perch rhabdoviruses
Publication: Research › Conference abstract for conference – Annual report year: 2007

Survey and diagnosis summary: 1) status and emergence of VHS and IHN in Europe. 2) other fish disease monitoring programmes in EU
Publication: Research › Conference abstract for conference – Annual report year: 2007

Viral haemorrhagic septicaemia virus (VHSV)
Publication: Research › Book chapter – Annual report year: 2007

An epidemiological study of the occurrence of Viral Haemorrhagic Septicaemia in Denmark during 1982-2005
Publication: Research › Article in proceedings – Annual report year: 2006
Viral haemorrhagic septicaemia (VHS) outbreaks in Finnish-rainbow trout farms
Publication: Research - peer-review › Journal article – Annual report year: 2006

Advances in surveillance and control of viral diseases in rainbow trout
Publication: Research › Conference abstract for conference – Annual report year: 2005

Characterisation of European perch rhabdoviruses (O-143): Abstract Book p. 147.
Publication: Research › Conference abstract for conference – Annual report year: 2005

Genetic characterisation of infectious salmon anaemia virus isolates from outbreaks in the faroe islands
Publication: Research › Conference abstract for conference – Annual report year: 2005

Prevalence of viral haemorrhagic septicaemia virus in Danish marine fishes and its occurrence in new host species
Publication: Research - peer-review › Journal article – Annual report year: 2005

Selective breeding provides an approach to increase resistance of rainbow trout (Onchorhynchus mykiss) to the diseases, enteric redmouth disease, rainbow trout fry syndrome, and viral haemorrhagic septicaemia
Publication: Research - peer-review › Journal article – Annual report year: 2005

Viral haemorrhagic septicaemia virus in marine fish and its implications for fish farming - a review
Publication: Research - peer-review › Journal article – Annual report year: 2005

Work package 1 report: Hazard identification for vertical transfer of fish disease agents
Publication: Research › Report – Annual report year: 2005

Work package 3 report: Pathogen survival outside the host, and susceptibility to disinfection
Publication: Research › Report – Annual report year: 2005

Work package 4 report: Broodfish testing for viral infections
Publication: Research › Report – Annual report year: 2005

Experimental infection of rainbow trout Oncorhynchus mykiss with viral haemorrhagic septicaemia virus isolates from European marine and farmed fishes
Publication: Research - peer-review › Journal article – Annual report year: 2004

Første fund af infektion med Lactococcus garvieae i et dansk dambrug
Publication: Research › Journal article – Annual report year: 2004

Genotyping of viral haemorrhagic septicaemia virus from worldwide using the non-virion gene
Publication: Research › Conference abstract for conference – Annual report year: 2004

Investigation of wild caught whitefish, Coregonus lavaretus (L.), for infection with viral haemorrhagic septicaemia virus (VHSV) and experimental challenge of whitefish with VHSV
Publication: Research - peer-review › Journal article – Annual report year: 2004

Zoo-sanitary controls in trade and transfer of fish eggs and sperm
Publication: Research › Journal article – Annual report year: 2004

Age- and weight-dependent susceptibility of rainbow trout Oncorhynchus mykiss to isolates of infectious haematopoietic necrosis virus (IHNV) of varying virulence
Publication: Research - peer-review › Journal article – Annual report year: 2003
Antibody response in rainbow trout artificially infected with VHS and IHN viruses (P-190)
Publication: Research › Conference abstract for conference – Annual report year: 2003

An update on vertical transfer of fish diseases
Publication: Research › Journal article – Annual report year: 2003

LABORATORY DIAGNOSIS OF INFECTIOUS SALMON ANEMIA (ISA): EXPERIENCE GAINED FROM THE OUTBREAKS ON THE FAROE ISLANDS 2000-2003
Publication: Research › Conference abstract for conference – Annual report year: 2003

Proficiency testing of national reference laboratories in Europe – contributions to quality assurance? (O-78)
Publication: Research › Conference abstract for conference – Annual report year: 2003

Vertical transfer of fish diseases
Publication: Research › Conference abstract for conference – Annual report year: 2003

A novel fish rhabdovirus from Sweden is closely related to the Finnish rhabdovirus 903/87
Publication: Research › Journal article – Annual report year: 2002

comparative susceptibility testing of fish cell lines for virus isolation
Publication: Research › Conference abstract for conference – Annual report year: 2002

Investigation into the susceptibility of saithe Pollachius virens to infectious salmon anaemia virus (ISAV) and their potential role as a vector for viral transmission
Publication: Research › Journal article – Annual report year: 2002

Udsætningsål og åleherpesvirus
Publication: Research › Journal article – Annual report year: 2002

Vergleich von Methoden zum Nachweis einer Infektion mit verschiedenen Isolaten des Virus der Infektiösen Hämatoopoetischen Nekrose (IHNV)
Publication: Research › Journal article – Annual report year: 2002

Viral haemorrhagic septicaemia virus in the marine environment in Northern Europe
Publication: Research › Conference abstract for conference – Annual report year: 2002

Assessment of a commercial kit collection for diagnosis of the fish viruses: IHNV, IPNV, SVCV and VHSV.
Publication: Research › Journal article – Annual report year: 2001

Characterisation of European perch rhabdoviruses
Publication: Research › Conference abstract for conference – Annual report year: 2001

Egtesyge i tre dambrug
Publication: Research › Journal article – Annual report year: 2001
Serological comparison of the Finnish and Danish iridovirus isolates with reference to other piscine and amphibian iridovirus isolates
Publication: Research › Conference abstract for conference – Annual report year: 2000

Assessment of five years as the Community Reference Laboratory for Fish Diseases
Publication: Research › Article in proceedings – Annual report year: 1999

BKD i Danmark: Status efter to sæsoner
Publication: Research › Journal article – Annual report year: 1999

Characterization of Austrian viral haemorrhagic septicaemia virus (VHSV) isolates by means of RT-PCR, cell culture, and serotyping
Publication: Research › Conference abstract for conference – Annual report year: 1999

Comparison of the pikeperch (Stizostedion lucioperca) and cod (Gadus morhua) iridovirus isolates from Scandinavia with reference to other piscine and amphibian iridovirus isolates
Publication: Research › Conference abstract for conference – Annual report year: 1999

Immunity to VHS virus in rainbow trout
Publication: Research - peer-review › 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

Isolation of viral haemorrhagic septicaemia virus (VHSV) from wild marine fish species in the Baltic Sea, Kattegat, Skagerrak and the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 1999

Isolation of viral haemorrhagic septicaemia virus (VHSV) in the marine environment (O-012)
Publication: Research › Conference abstract for conference – Annual report year: 1999

Production of neutralizing antisera against viral hemorrhagic septicemia (VHS) virus by intravenous injections of rabbits
Publication: Research - peer-review › Journal article – Annual report year: 1999

Rhabdovirusinfektioner
Publication: Research › Book chapter – Annual report year: 1999

Virulence of marine isolates of viral haemorrhagic septicaemia virus in atlantic salmon and turbot. (O-015)
Publication: Research › Conference abstract for conference – Annual report year: 1999

Virulence of marine isolates of viral haemorrhagic septicaemia virus in rainbow trout
Publication: Research › Conference abstract for conference – Annual report year: 1999

Virulence of marine isolates of viral haemorrhagic septicaemia virus in rainbow trout (P-178)
Publication: Research › Poster – Annual report year: 1999

Isolation and characterisation of VHSV from the marine environment (OP-40)
Publication: Research › Conference abstract for conference – Annual report year: 1998

Isolation and characterisation of VHSV from the marine environment
Publication: Research › Conference abstract for conference – Annual report year: 1998
Isolation of an iridovirus from pike-perch Stizostedion lucioperca
Publication: Research - peer-review › Journal article – Annual report year: 1998

Sanitation of viral haemorrhagic septicaemia (VHS)
Publication: Research - peer-review › Journal article – Annual report year: 1998

Sygdomsforebyggelse, genetik og ernæring ved produktion af regnbueørred: Forekomst af virus i danske dambrug
Publication: Research › Report – Annual report year: 1998

Sygdomsforebyggelse, genetik og ernæring ved produktion af regnbueørred: Genetisk variation i sygdomsresistens
Publication: Research › Report – 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

Control And Eradication Of Fish Diseases
Publication: Research › Conference abstract for conference – Annual report year: 1997

Control measures for viral diseases in aquaculture: eradication of VHS and IHN
Publication: Research › Conference abstract for conference – Annual report year: 1997

Control measures for viral diseases in aquaculture: Eradication of VHS and IHN
Publication: Research › Journal article – Annual report year: 1997

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

Immunohistochemical detection of VHS virus in paraffin-embedded specimens of rainbow trout (Oncorhynchus mykiss); The influence of primary antibody, fixative, and antigen unmasking on method sensitivity
Publication: Research - peer-review › Journal article – Annual report year: 1997

Isolation of an iridovirus from pike-perch Stizostedion lucioperca
Publication: Research › Conference abstract for conference – Annual report year: 1997

Isolation of VHSV from the marine environment
Publication: Research › Conference abstract for conference – Annual report year: 1997

Isolering og karakterisering af VHS virus fra saltvandsfisk
Publication: Research › Journal article – Annual report year: 1997

MHC Polymorphism in rainbow trout families with different resistance to VHS
Publication: Research › Conference abstract for conference – Annual report year: 1997

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

SJVF forskningsprogrammet “Sygdomsforebyggelse, genetik og ernæring ved produktion af regnbueørred”
Publication: Research › Journal article – Annual report year: 1997

Sygdomsforebyggelse, genetik og ernæring ved produktion af regnbueørred: Forskningsaktiviteter på Statens Veterinære Serumlaboratorium i Århus.
Vaccination of rainbow trout against VHS using live attenuated vaccines: Danish field trials from 1978 to 1983.

Sammendrag af undersøgelser vedr. yngeldødelighedssyndromet. Afsnit 1

Sammendrag af undersøgelser vedr. yngeldødelighedssyndromet. Afsnit 2

Virusbetingede fiskesygdomme

Differentiation of VHS virus isolates by use of monoclonal antibodies

Multiplication of VHS virus in insect cells

Outbreaks of IPN in reared fry of Atlantic cod Gadus morhua

Paired immunohistochemistry for identification of VHSV and IHNV in paraffin-embedded specimens of experimentally infected rainbow trout

Simultaneous demonstration of Flexibacter psycrophilus and IPN virus in formaline fixed paraffin embedded rainbow trout fry

Use of polymerase chain reaction (PCR) for differentiation of serological similar VHS virus isolates from Europe and America.

A multi-disciplinary Danish research programme on rainbow trout (Oncorhynchus mykiss) farming.

Antibody response in rainbow trout vaccinated against viral haemorrhagic septicaemia (VHS) with inactivated virus

Comparison of four different fixatives for immunohistochemical identification of viral haemorrhagic septicaemia virus in paraffin-embedded tissue specimens from rainbow trout

Enzyme-linked immunosorbent assay (Elisa) for the detection of viral haemorrhagic septicaemia virus (VHSV).

Expression of the VHS virus glycoprotein in insect cells
Expression of the VHS virus glycoprotein in insect cells
Publication: Research › Conference abstract for conference – Annual report year: 1993

Infectious hematopoietic necrosis virus
Publication: Research › Conference abstract for conference – Annual report year: 1993

Sero logical 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

The role of complement in antibody mediated neutralization of a fish rhabdovirus
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

Comparative susceptibility of three fish cell lines to Eg tved virus, the virus of viral haemorrhagic septicaemia (VHS)
Publication: Research - peer-review › Journal article – Annual report year: 1992

Detection of rainbow trout antibody to Eg tved virus by enzyme-linked immunosorbent assay (ELISA), immunofluorescence (IF), and plaque neutralization tests (50 %PNT)
Publication: Research - peer-review › Journal article – Annual report year: 1991

Detection of the antibody response in rainbow trout following immersion vaccination with Yersinia ruckeri bacterins by ELISA and passive immunization
Publication: Research - peer-review › Journal article – Annual report year: 1991

Infectious Hematopoietic Necrosis (IHN) and Viral Hemorrhagic Septicemia (VHS): Detection of Trout Antibodies to the Causative Viruses by Means of Plaque Neutralization, Immunofluorescence, and Enzyme-Linked Immunosorbent Assay
Publication: Research - peer-review › Journal article – Annual report year: 1991

Molecular analysis of a viral glycoprotein with a view to vaccine development
Publication: Research › Conference abstract for conference – Annual report year: 1991

Paternal Association of Increased Susceptibility to Viral Haemorrhagic Septicaemia (VHS) in Rainbow Trout (Oncorhynchus mykiss)
Publication: Research - peer-review › Journal article – Annual report year: 1991

Rapid detection of viral haemorrhagic septicaemia virus in fish by ELISA
Publication: Research - peer-review › Journal article – Annual report year: 1991

Sero logical differentiation of Eg tved virus (VHSV) using neutralizing monoclonal and polyclonal antibodies
Publication: Research › Conference abstract for conference – Annual report year: 1991

Antibody response to VHS virus glycoprotein in rainbow trout
Publication: Research › Conference abstract for conference – Annual report year: 1990

Neutralization of Eg tved virus pathogenicity to cell cultures and fish by monoclonal antibodies to the viral G protein
Publication: Research - peer-review › Journal article – Annual report year: 1990

Immunization of rainbow trout with affinity purified Eg tved virus proteins, preliminary results.
Publication: Research › Conference abstract for conference – Annual report year: 1989
Monoclonal antibodies against Egtved virus glycoprotein: Application in development of a subunit vaccine
Publication: Research › Poster – Annual report year: 1989

Monoclonal antibodies against Egtved virus structural proteins: Application in diagnosis and vaccine development
Publication: Research › Conference abstract for conference – Annual report year: 1989

Monoclonal antibodies used in the development of a genetically engineered vaccine against a fish virus
Publication: Research › Conference abstract for conference – Annual report year: 1989

Isolation of an IPN-like virus belonging to the serogroup II of the aquatic birnaviruses from dab, Limanda limanda L.
Publication: Research - peer-review › Journal article – Annual report year: 1988

Production and Characterization of Monoclonal Antibodies to Four Egtved Virus Structural Proteins
Publication: Research - peer-review › Journal article – Annual report year: 1988

Sero logical examination of a rhabdovirus isolated from snakehead (Ophicephalus striatus) in Thailand with ulcerative syndrome
Publication: Research - peer-review › Journal article – Annual report year: 1988

Detection of Egtved virus and rainbow trout antibody to Egtved virus by enzyme-linked immunosorbent assay (ELISA).
Publication: Research › Conference abstract for conference – Annual report year: 1987

Egtved virus: Specifikke antistoffer i regnbueørreder og i kaniner undersøgt ved hjælp af biologiske og immunkemiske metoder
Publication: Research › Ph.D. thesis – Annual report year: 1987

Passive protection of rainbow trout (Salmo gairdneri) against Egtved virus with monoclonal antibodies.
Publication: Research › Conference abstract for conference – Annual report year: 1987

Detection of neutralizing antibody to Egtved virus in rainbow trout (Salmo gairdneri) by plaque neutralization test with complement addition
Publication: Research - peer-review › Journal article – Annual report year: 1986

Quantification of serum immunoglobulin in rainbow trout Salmo gairdneri under various environmental conditions
Publication: Research - peer-review › Journal article – Annual report year: 1986

virus: Occurrence of strains not clearly identifiable by means of virus neutralization tests
Publication: Research - peer-review › Journal article – Annual report year: 1986

In vivo absorption of rabbit antisera for use in immunofluorescence studies of virus diseases in fish
Publication: Research › Conference abstract for conference – Annual report year: 1985

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

PKD i 1984: Forsøg vedr. tidspunkt for smitteoverførsel under dambrugsforhold samt en status over sygdommens hidtidige forløb i Danmark
Publication: Research › Journal article – Annual report year: 1985

Rainbow trout immunoglobulin: Estimate of concentration under various holding conditions.
Publication: Research › Conference abstract for conference – Annual report year: 1985
Rødmundsyge (ERM): Forsøg med kunstig infektion af nystrøgne ørredæg.
Publication: Research › Journal article – Annual report year: 1985

Dambrug kan afskærmes mod fugle med net
Publication: Research › Journal article – Annual report year: 1983

Egtvedsyge (VHS) i fritlevende regnbueørreder
Publication: Research › Journal article – Annual report year: 1983

Egtvedsyge (VHS) på danske dambrug, 1970 til 1982 - en epidemiologisk undersøgelse
Publication: Research › Journal article – Annual report year: 1983

Fiskehejrer kan overføre Egtvedvirus
Publication: Research › Journal article – Annual report year: 1983

Forebygelse af ørredudslip fra dambrug
Publication: Research › Journal article – Annual report year: 1983

Har fritlevende regnbueørreder en karakteristisk skælstruktur
Publication: Research › Journal article – Annual report year: 1983

Indflydelse af vandtemperatur og smitteintensitet på egtvedsygens forløb
Publication: Research › Journal article – Annual report year: 1983

Publication: Research › Journal article – Annual report year: 1983

Vurdering af mulighederne for bekæmpelse af Egtvedsygen (VHS)
Publication: Research › Journal article – Annual report year: 1983

Projects:

Vaccination of Seabass against a lethal viral disease and characterization of protective immunity
Project: PhD

Piscine orthoreovirus in salmonids: geographic distribution, molecular characterization, pathogenesis under experimental conditions
Project: PhD

Identification of virulence markers in two Novirhabdoviruses causing serious diseases in fish
Project: PhD

Flavobacterium psychrophilum, forebygelse og immunforsvar
Project: PhD
Improved vaccination strategies in marine aquaculture
Project

Udvikling af mere følsomme laboratoriemetoder til påvisning af virus og virus-antistoffer i ørreder udsat for smitte med Egtved virus, årsagen til sygdommen VHS på dambrug
Project

Activities:

Total immunoglobulin hos regnbueørred: Vurdering af IgM-koncentration i sera fra regnbueørreder fra forskellige miljøer
Activity: Other

Fiskesygdomme på EDB
Activity: Other