Niels Jørgen Olesen - DTU Orbit (01/01/2018)

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Fish Diseases

Publications:

**Emergence of a new rhabdovirus associated with mass mortalities in eelpout (Zoarces viviparous) in the Baltic Sea**

**Emergence of carp edema virus (CEV) and its significance to European common carp and koi Cyprinus carpio**

**Genomic Sequencing of Ranaviruses Isolated from Edible Frogs (Pelophylax esculentus)**
Ariel, E., Subramaniam, K., Imnoi, K., Sriwanayos, P., Ahasan, M. S., Olesen, N. J., Amedeo, M., Toffan, A. & Waltzek, T. B. 2017 In : Genome Announcements. 5, 38, p. e01015-17

**Infection experiments with novel Piscine orthoreovirus from rainbow trout (Oncorhynchus mykiss) in salmonids**

**Rainbow trout red mark syndrome lesion development visualized**

**Validation of a KHV antibody enzyme-linked immunosorbent assay (ELISA)**

**First evidence of infectious hematopoietic necrosis virus (IHNV) in the Netherlands**
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)
Subramaniam, K., Toffan, A., Cappellozza, E., Steckler, N. K., Olesen, N. J., Ariel, E. & Waltzek, T. B. 2016 In : Genome Announcements. 4, 4, 2 p., e00843-16
Publication: Research - peer-review › Journal article – Annual report year: 2016

Genomic Sequencing of Ranaviruses Isolated from Turbot (Scophthalmus maximus) and Atlantic Cod (Gadus morhua)
Ariel, E., Steckler, N. K., Subramaniam, K., Olesen, N. J. & Waltzek, T. B. 2016 In : Genome Announcements. 4, 6, 2 p., e01393-16
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
Ito, T., Kurita, J., Mori, K-I. & Olesen, N. J. 2016 In : Veterinary Research. 47, 1, 13 p., 4
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 vhsv by infiltration and salt under experimental conditions
Skall, H. F., Jørgensen, C. & Olesen, N. J. 2015 17th International Conference on Diseases of Fish and Shellfish. p. 149-149
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 viviparous) 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 septicaemia virus (VHSV): on the search for determinants important for virulence in rainbow trout oncorhynicus mykiss
Detection of virus level in tissues of rainbow trout, Oncorynchus 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
Way, K., Bergmann, S. M., Engelsma, M., Mikkelsen, S. S., Vendramin, N. & Olesen, N. J. 2014
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
Sandlund, N., Gjerset, B., Bergh, Ø., Modahl, I., Olesen, N. J. & Johansen, R. 2014 In : PLOS ONE. 9, 9, 12 p., e108529
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
Jonstrup, S. P., Kahns, S., Skall, H. F., Boutrup, T. S. & Olesen, N. J. 2013 In : Journal of Fish Diseases. 36, 1, p. 9-23
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
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Fishpathogens.EU/NODA: A Free and Handy Online Platform for Betanodavirus Targeted Research and Data Sharing
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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

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Vendramin, N., Nicolajsen, N., Christophersen, M-B. & Olesen, N. J. 2013
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Risiko for Epizootisk Ulcerativt Syndrom hos danske fisk: Nyt fra Veterinærinstituttet
Publication: Research - peer-review › Journal article – Annual report year: 2013

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Ito, T. & Olesen, N. J. 2013 In : Diseases of Aquatic Organisms. 107, 1, p. 1-8
Publication: Research - peer-review › Journal article – Annual report year: 2014

Trade practices are main factors involved in the transmission of viral haemorrhagic septicaemia
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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
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EURO activities in 2011
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EURO 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
Outcome on EPIZONE Extension on VER/ VNN: Diagnostics, proficiency test and qRT-PCR validation

Overview of the Disease Situation and Surveillance in Europe in 2011
Olesen, N. J. & Nicolajsen, N. 2012 16th Annual Meeting of the National Reference Laboratories for Fish Diseases. 2 p.

Results of the Proficiency Test, PT1 and PT2, 2011

Typing of viral hemorrhagic septicemia virus by monoclonal antibodies

A global taqman based real time RT-PCR assay suitable for surveillance and diagnosis of viral haemorrhagic septicaemia virus
Jonstrup, S. P., Kahns, S., Skall, H. F., Boutrup, T. S. & Olesen, N. J. 2011

Assessment of the Epitope Specificity of Monoclonal Antibodies that can Discriminate between the Various Genotypes of VHSV
Ito, T., Kurita, J., Sano, M., Skall, H. F., Lorenzen, N. & Olesen, N. J. 2011

Diagnostic tools: Development and validation of tests for detection of viral diseases
Olesen, N. J., Kahns, S., Jonstrup, S. P. & Skall, H. F. 2011

Epizootic ulcerative syndrome (EUS): development and implementation of diagnostic methods

FishPathogens.eu a new database in the research of aquatic animal diseases
Jonstrup, S. P., Gray, T. & Olesen, N. J. 2011

Infectious Pancreatic Necrosis (IPN), a New Threat of Cultured Rainbow Trout in Iran

Rainbow trout surviving infections of viral haemorrhagic septicemia virus (VHSV) show lasting antibodies to recombinant G protein fragments
Validation of a Taqman based real time RT-PCR assay suitable for surveillance and diagnosis of Viral Haemorrhagic Septicaemia Virus worldwide
Jonstrup, S. P., Kahns, S., Skall, H. F., Boutrup, T. S. & Olesen, N. J. 2011
Publication: Research - peer-review › Poster – Annual report year: 2011

Viral haemorrhagic septicaemia virus (VHSV) in rainbow trout: virulence variability within genotype Ib isolates
Ito, T., Kurita, J., Skall, H. F., Lorenzen, N. & Olesen, N. J. 2011
Publication: Research - peer-review › Poster – Annual report year: 2011

When geographic information meets molecular data
Olesen, N. J., Kahns, S., Jonstrup, S. P. & Skall, H. F. 2011
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
Ariel, E., Holopainen, R., Olesen, N. J. & Tappiovaara, H. 2010 In : Archives of Virology. 155, 8, p. 1261-1271
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)
Jonstrup, S. P., Kahns, S., Skall, H. F. & Olesen, N. J. 2010
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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
Jonstrup, S. P., Jones, T. G. & Olesen, N. J. 2010
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
Kahns, S., Skall, H. F., Jonstrup, S. P., Einer-Jensen, K. & Olesen, N. J. 2010
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
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Detection of infectious pancreatic necrosis virus from rainbow trout, Oncorhynchus mykiss (Walbaum), using the macrophage lysis method
Johansson, T. & Olesen, N. J. 2009 In : Journal of Fish Diseases. 32, 6, p. 563-566
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Distinction of genotypes of viral haemorrhagic septicaemia virus (VHSV) by monoclonal antibodies
Publication: Research › Conference abstract for conference – Annual report year: 2009

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Inter-laboratory proficiency tests to detect viral fish diseases.
Kahns, S., Nicolajsen, N., Skall, H. F. & Olesen, N. J. 2009
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Nyt fra Veterinærinstituttet: VHS er en trussel for havbrug - særlig om vinteren
Skall, H. F. & Olesen, N. J. 2009 In : Dansk Veterinaertidsskrift. 92, 1, p. 28
Publication: Communication › Journal article – Annual report year: 2009

O-005: Detection of antibodies against VHSV and IHNV in rainbow trout (Oncorhynchus mykiss)
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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
Haenen, O. & Olesen, N. J. 2009
Publication: Research › Poster – Annual report year: 2009

PATHOLOGY AND EPIDEMIOLOGY OF VIRAL HAEMORRHAGIC SEPTICAEMIA OUTBREAKS IN POLAND
Reichert, M., Matras, M., Kahns, S., Antychowicz, J. & Olesen, N. J. 2009 In : Journal of Comparative Pathology. 141, 4, p. 304-304
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 septcaemia virus (VHSV) isolates
Publication: Research › Poster – Annual report year: 2009

Poster: Detection of antibodies against VHSV and IHNV in rainbow trout
Olesen, N. J. & Castric, J. 2009
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 anmeldeligtige fiskesygdomme
Olesen, N. J. 2008 In : Dansk Veterinær Tidsskrift.
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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)
Johansson, T., Skall, H. F. & Olesen, N. J. 2007
Publication: Research › Poster – Annual report year: 2007

Molecular studies of perch rhabdoviruses
Johansson, T., Skall, H. F. & Olesen, N. J. 2007
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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
Olesen, N. J. 2005
Publication: Research › Conference abstract for conference – Annual report year: 2005

Characterisation of European perch rhabdoviruses (O-143): Abstract Book p. 147.
Olesen, N. J., Skall, H. F. & Johansson, T. 2005
Publication: Research › Conference abstract for conference – Annual report year: 2005

Genetic characterisation of infectious salmon anaemia virus isolates from outbreaks in the faroe islands
Madsen, S., Einer-Jensen, K., Østergård, P., Devold, M. & Olesen, N. J. 2005
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

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Viral haemorrhagic septicaemia virus in marine fish and its implications for fish farming - a review

Skall, H. F., Olesen, N. J. & Møllergaard, S. 2005 In: Journal of Fish Diseases. 28, 9, p. 509-529
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Work package 1 report: Hazard identification for vertical transfer of fish disease agents

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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

Olesen, N. J. 2004 In: Ferskvandsfiskeribladet.
Publication: Research › Journal article – Annual report year: 2004

Genotyping of viral haemorrhagic septicaemia virus from worldwide using the non-virion gene

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Investigation of wild caught whitefish, Coregonus lavaretus (L.), for infection with viral haemorrhagic septicaemia virus (VHSV) and experimental challenge of whitefish with VHSV

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Zoo-sanitary controls in trade and transfer of fish eggs and sperm

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Age- and weight-dependent susceptibility of rainbow trout Oncorhynchus mykiss to isolates of infectious haematopoietic necrosis virus (IHNV) of varying virulence

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Antibody response in rainbow trout artificially infected with VHS and IHN viruses (P-190)
Fregeneda, J. M., Skall, H. F. & Olesen, N. J. 2003
Publication: Research › Conference abstract for conference – Annual report year: 2003

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Publication: Research › Conference abstract for conference – Annual report year: 2003

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

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

Characterisation of European perch rhabdoviruses (P-267)
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Egtesyge i tre dambrug
Nylin, B. & Olesen, N. J. 2001 In : Ferskvandsfiskeriibladet. 99, 6, p. 126-132
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Finfish in aquaculture and their diseases A retrospective view on the European Community.
Ariel, E. & Olesen, N. J. 2001
Publication: Research › Conference abstract for conference – Annual report year: 2001

Infectious haematopoietic necrosis (IHN): the first confirmed finding in Russia
Publication: Research › Conference abstract for conference – Annual report year: 2001

Molecular characterisation of a rhabdovirus isolated from sea trout in Sweden shows that the virus is related to rhabdovirus 903/87 isolated from brown trout in Finland
Publication: Research › Conference abstract for conference – Annual report year: 2001

Molecular characterisation of the nucleocapsid protein gene, glycoprotein gene and gene junctions of rhabdovirus 903/87, a novel fish pathogenic rhabdovirus
Publication: Research - peer-review › Journal article – Annual report year: 2001

One tube RT-PCR for identification of VHSV and IHNV - a rapid, robust and sensitive method for diagnostics (P-229)
Bergmann, S., Einer-Jensen, K., Skall, H. F., Enzmann, P.-J., Fichtner, D. & Olesen, N. J. 2001
Publication: Research › Poster – Annual report year: 2001

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Skall, H. F. & Olesen, N. J. 2001
Publication: Research › Conference abstract for conference – Annual report year: 2001

Rainbow trout offspring with different resistance to viral haemorrhagic septicaemia
Publication: Research - peer-review › Journal article – Annual report year: 2001

RT-PCR for identification of VHSV and IHNV in infected cell cultures– a comparative sensitivity test
Bergmann, S., Einer-Jensen, K., Skall, H. F., Enzmann, P.-J., Fichtner, D. & Olesen, N. J. 2001
Publication: Research › Conference abstract for conference – Annual report year: 2001

Surveillance of fish diseases in the Nordic countries
Publication: Research - peer-review › Conference article – Annual report year: 2001
The first isolation of a rhabdovirus from perch (Perca fluviatilis) in Norway
Association of Fish Pathologists. 21, 5, p. 186-194
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Towards an effective management tool for marine viral haemorrhagic septicaemia virus (VHSV) (P-271)
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Publication: Research › Conference abstract for conference – Annual report year: 1999
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Lorenzen, N., Olesen, N. J & Evensen, Ø. 1995

Use of polymerase chain reaction (PCR) for differentiation of serological similar VHS virus isolates from Europe and America.
Einer-Jensen, K., Olesen, N. J., Lorenzen, N. & Jørgensen, P. E. V. 1995
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Vesely, T., Obr, T., Jørgensen, P. E. V. & Olesen, N. J. 1993
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Publication: Research › Conference abstract for conference – Annual report year: 1993

Infectious hematopoietic necrosis virus
Olesen, N. J., Jensen, L., Jørgensen, P. E. V. & Lorenzen, N. 1993
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Publication: Research - peer-review › Journal article – Annual report year: 1992

Detection of rainbow trout antibody to Egtved virus by enzyme-linked immunosorbent assay (ELISA), immunofluorescence (IF), and plaque neutralization tests (50 %PNT)
Olesen, N. J., Lorenzen, N. & Jørgensen, P. E. V. 1991 In : Diseases of Aquatic Organisms. 10, 1, p. 31-38
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
Olesen, N. J. 1991 In : Journal of Applied Ichthyology. 7, 1, p. 36-43
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Molecular analysis of a viral glycoprotein with a view to vaccine development
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Paternal Association of Increased Susceptibility to Viral Haemorrhagic Septicaemia (VHS) in Rainbow Trout (Oncorhynchus mykiss)
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Rapid detection of viral haemorrhagic septicaemia virus in fish by ELISA
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Serological differentiation of Egtved virus (VHSV) using neutralizing monoclonal and polyclonal antibodies
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Lorenzen, N., Olesen, N. J. & Jørgensen, P. E. V. 1990
Publication: Research › Conference abstract for conference – Annual report year: 1990

Neutralization of Egtved virus pathogenicity to cell cultures and fish by monoclonal antibodies to the viral G protein
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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.
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Production and Characterization of Monoclonal Antibodies to Four Egtved Virus Structural Proteins
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Olesen, N. J., Lorenzen, N. & Jørgensen, P. E. V. 1987
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Egtved virus: Specifikke antistoffer i regnbueørreder og i kaniner undersøgt ved hjælp af biologiske og immunkemiske metoder
Olesen, N. J. 1987
Publication: Research › Ph.D. thesis – Annual report year: 1987

Passive protection of rainbow trout (Salmo gairdneri) against Egtved virus with monoclonal antibodies.
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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
Olesen, N. J. & Jørgensen, P. E. V. 1986 In : Journal of Applied Ichthyology. 2, 1, p. 33-41
Publication: Research - peer-review › Journal article – Annual report year: 1986

Quantification of serum immunoglobulin in rainbow trout Salmo gairdneri under various environmental conditions
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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

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Observation on enteric redmouth in Denmark
Dalsgaard, I., Hørløck, V., Jørgensen, P. E. V., Olesen, N. J. & From, J. 1985
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
Olesen, N. J. 1985 In : Ferskvandsfiskeribladet. 83, 5, p. 126-129
Publication: Research › Journal article – Annual report year: 1985
Rainbow trout immunoglobulin: Estimate of concentration under various holding conditions.
Olesen, N. J. & Jørgensen, P. E. V. 1985
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Publication: Research › Journal article – Annual report year: 1985

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

Egtvedsyge (VHS) i fritlevende regnbueørreder
Olesen, N. J. & Jørgensen, P. E. V. 1983 In : Ferskvandsfiskeribladet. 81, 5, p. 130-132
Publication: Research › Journal article – Annual report year: 1983

Egtvedsyge (VHS) på danske dambrug, 1970 til 1982 - en epidemiologisk undersøgelse
Olesen, N. J. & Jørgensen, P. E. V. 1983 In : Ferskvandsfiskeribladet. 81, 4, p. 96-105
Publication: Research › Journal article – Annual report year: 1983

Fiskehejrer kan overføre Egtvedvirus
Olesen, N. J. & Jørgensen, P. E. V. 1983 In : Ferskvandsfiskeribladet. 81, 3, p. 69-71
Publication: Research › Journal article – Annual report year: 1983

Forebyggelse af ørredudslip fra dambrug
Olesen, N. J. 1983 In : Ferskvandsfiskeribladet. 81, 6, p. 159-161
Publication: Research › Journal article – Annual report year: 1983

Har fritlevende regnbueørreder en karakteristisk skælstruktur
Olesen, N. J. 1983 In : Ferskvandsfiskeribladet. 81, 5, p. 128-129
Publication: Research › Journal article – Annual report year: 1983

Indflydelse af vandtemperatur og smitteintensitet på egtvedsygens forløb
Jørgensen, P. E. V. & Olesen, N. J. 1983 In : Ferskvandsfiskeribladet. 81, 7, p. 196-201
Publication: Research › Journal article – Annual report year: 1983

Jørgensen, P. E. V. & Olesen, N. J. 1983 In : Ferskvandsfiskeribladet. 81, 8, p. 228-237
Publication: Research › Journal article – Annual report year: 1983

Vurdering af mulighederne for bekæmpelse af Egtvedsygen (VHS)
Jørgensen, P. E. V. & Olesen, N. J. 1983 In : Ferskvandsfiskeribladet. 81, 9, p. 264-270
Publication: Research › Journal article – Annual report year: 1983

Projects:

Vaccination of Seabass against a lethal viral disease and characterization of protective immunity
Hansen, S., Olesen, N. J. & Lorenzen, N.
01/12/2017 → 30/11/2020
Project: PhD

Piscine orthoreovirus in salmonids: geographic distribution, molecular characterization, pathogenesis under experimental conditions
Vendramin, N., Olesen, N. J. & Rimstad, E.
01/12/2016 → 30/11/2019
Identification of virulence markers in two Novirhabdoviruses causing serious diseases in fish
Alencar, A. L. F., Olesen, N. J., Bremont, M. & Rasmussen, T. B.
15/07/2016 → 14/07/2019
Project: PhD

Functional characterization of protective immunity following DNA vaccination against a lethal viral disease in fish
Sepulveda Araneda, D. A., Lorenzen, N. & Olesen, N. J.
01/06/2012 → 31/07/2013
Project: PhD

Flavobacterium psychrophilum, forebyggelse og immunforsvar
15/06/2010 → 26/02/2014
Project: PhD

Improved vaccination strategies in marine aquaculture
01/04/2008 → 30/09/2012
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
Olesen, N. J. & Jørgensen, P.
01/01/1982 → 01/01/1984
Project

Activities:

Total immunoglobulin hos regnbueørred: Vurdering af IgM-koncentration i sera fra regnbueørreder fra forskellige miljøer
Olesen, N. J. (Participant)
1 Jan 1985
Activity: Other

FiskeSygdomme på EDB
Olesen, N. J. (Participant)
1 Jan 1984
Activity: Other