Year	Journal	vol	page	1st Author	Authors	Title	Key word
1976	British Veterinary Journal	132	76	McKnight I.J.	McKnight I.J. and Roberts, R.J.	The pathology of infectious pancreatic necrosis. I. The sequential histopathology of the naturally occurring condition.	IPNV
1984	Helgoländer Meeresunters	37	571-586	Munro A.L.S.	Munro A.L.S., Ellis A.E., McVicar A.H., McLay A.H. and Needham E.A.	An exocrine pancreas disease of farmed Atlantic salmon in Scotland.	PD
1986	Jour.of Fish Diseases	20	95-98	Ferguson H.W.	Ferguson H.W., Roberts R.J., Richards R.H., Collins R.O. and Rice, D.A.	Severe degenerative cardiomyopathy associated with pancreas disease in Atlantic salmon, Salmo salar L.	PD
1986	Veterinary Record	119	297-299	Ferguson H.W.	Ferguson H.W., Rice D.A. and Lynas J.K.	Clinical pathology of myodegeneration (pancreas disease) in Atlantic salmon (Salmo salar).	PD
1987	Aquaculture	66	33	Bell, J.G.	Bell, J.G. McVicar, A.H. & Cowey,	Pyruvate kinase isozymes in Farmed atlantic salmon (Salmo Salar); Pyruvate kinase and antioxidant parameters in pancreas disease	PD
1987	Bull EAFP	7	29-31	Kent, M.L	Kent, M.L. and Elston, R.A.	Pancreas disease in pen-reared Atlantic salmon in North America.	PD
1987	Aquaculture	67	71-78	McVicar A.H.	McVicar A.H.	Pancreas disease of farmed Atlantic salmon, Salmo salar, in Scotland: epidemiology and early pathology.	PD
1987	Avian Diseases	31	577-583	Tang KN,	Tang KN, Fletcher OJ, Villegas P:	Comparative study of the pathogenicity of avian reoviruses.	Reovirus
1989	Bull EAFP	9	83-85	Poppe T.	Poppe T., Rimstad E. and Hyllseth, B.	Pancreas disease of Atlantic salmon (Salmo Salar, L). post-smolts infected with infectious pancreatic necrosis virus (IPNV).	PD
1989	Amer. J. Vet Research	50	1442-1446	Walton., T.E.	Walton., T.E., Jochim, M.M., Barb	Cross protective immunity between equine encephalomyelitis viruses in equids	Alphavirus
1990	Dis of Aquatic Organisms	8	225-231	Ferguson H.W.	Ferguson H.W., Poppe T. and	Cardiomyopathy in farmed Norwegian salmon.	
1990	Bull EAFP	10	84-87	McVicar A.H.	McVicar A.H.	Infection as a primary cause of pancreas disease in farmed Atlantic salmon.	PD
1990	Comparative Biochemistry and Physiology	98A	125-131	Raynard R.S	Raynard R.S., McVicar A.H., Bell J. G., Youngson A., Knox D. and Fraser C. O.	Nutritional aspects of pancreas disease of Atlantic salmon: the effects of dietary vitamin E and polyunsaturated fatty acids.	PD

1991	Dis of Aquatic Organisms	12	17-23	Rodger H. D	Rodger H. D., Murphy T. M., Drinan E. M. and Rice D. A.	Acute skeletal myopathy in farmed Atlantic salmon Salmo salar.	PD
1992	Journal of Virology	66	6429-6435	Levine B	Levine B. and Griffin D.E.	Persistence of viral RNA in mouse brains after recovery from acute alphavirus encephalitis.	Alphavirus
1992	Jour. of Fish Diseases	15	401-408	Murphy T.M.	Murphy T.M., Rodger H.D., Drinan E.M., Gannon F., Kruse P. and Korting W.	The sequential pathology of pancreas disease in Atlantic salmon farms in Ireland.	PD
1992	Comparative Biochemistry and Physiology	102A	759-768	Pringle, G.M.	Pringle, G.M., Houlihan, D.F. Callanan, K.R. , Mitchell, A.I. Raynard, R.S. & Houghton, G.H.	Digestive enzyme levels and histopathology of pancreas disease in farmed Atlantic salmon (Salmo salar)	PD
1993	Dis of Aquatic Organisms	15	123-128	Raynard R.S	Raynard R.S. and Houghton, G. (1993) *Diseases of Aquatic Organisms* 15, 123-128.	Development towards an experimental protocol for the transmission of pancreas disease of Atlantic salmon Salmo salar.	PD
1994	Bull EAFP	14	215-216	Boucher P.	Boucher P., Castric J. and Baudin L	Observations of virus-like particles in rainbow trout Oncorhynchus mykiss infected with sleeping disease virulent material.	SD
1994	Bull EAFP	14	179-180	Boucher P.	Boucher P. and Baudin Laurencin F.	Sleeping Disease (SD) of Salmonids.	SD
1994	Veterinary Record	135	107-108	Grant, A.N.	Grant A.N., Brown.,A.G. & Laidler,	Plasma Lipase concentration as an aid to early detection of pancreas disease in farmed Atlantic salmon (Salm salar)	PD
1994	Dis of Aquatic Organisms	18	109-118	Houghton G.	Houghton G.	Acquired protection in Atlantic salmon Salmo salar parr and post-smolts against pancreas disease.	PD
1994	Trans R Soc Troc Med Hug	88	126	Linthicum, K.J	Linthicum, K.J. and Logan, T.M.	Laboratory transmission of Venezuelan equine encephalomyelitis virus by the tick Hyalomma truncatum	Alphavirus
1994	Comparative Biochemistry and Physiology	109A	905-912	McCoy M.A.	McCoy M.A., McLoughlin M.F., Rice D.A. and Kennedy D.G.	Pancreas disease in Atlantic salmon (Salmo salar) and vitamin E supplementation.	PD
1994	Veterinary Record	135	234-235	Rodger H. D	Rodger H.D., Turnbull T. and Richards R.H.	Myopathy and pancreas disease in salmon: a retrospective study in Scotland.	PD

1994	Microbiological Reviews	58	491-562	Strauss, J.H.	Strauss, J.H. and Strauss, E.G. (1994) *Microbiological Reviews 58,* 491-562.	The alphaviruses: gene expression, replication and evolution.	Alphavirus
1994	Microbiologyl Review	58	491-562	Strauss, J.H.	Strauss, J. H and Strauss, E G	The alphaviruses: gene expression, replication and evolution.	Alphavirus
1994	PHD Thesis Queen's University Belfast			Wheatley S.B	Wheatley S.B	Epidemiological investigations of Atlantic salmon production using a computerised database system	PD
1995	Dis of Aquatic Organisms	22	19-24	Boucher P.,	Boucher P., Raynard R.S., Houghton G. and Baudin Laurencin F.	Comparative experimental transmission of pancreas disease in Atlantic salmon, rainbow trout and brown trout	PD
1995	Veterinary Record	136	572	Grant, A.N.	Grant, A.N.	Response to pancreatic enzyme replacement therapy in salmon	PD
1995	Dis of Aquatic Organisms	22	193-198	Houghton G.	Houghton G.	Kinetics of infection of plasma, blood leucocytes and lymphoid tissue from Atlantic salmon Salmo salar experimentally infected with pancreas disease.	PD
1995	Jour. Aquatic Animal Health	7	104-110	McLoughlin M.F	McLoughlin M.F., Nelson R.T., McCormick J.I. and Rowley H. (1995)	Pathology of experimental pancreas disease in freshwater Atlantic salmon parr.	PD
1995	Aquaculture research	26	861-874	Murphy T.M.	Murphy T.M., Drinan E.M. and Gannon F.	Studies with an experimental model for pancreas disease of Atlantic salmon Salmo Salar L	PD
1995	Dis of Aquatic Organisms	22	25-32	Nelson R.T.,	Nelson R.T., McLoughlin M.F., Rowley H.M., Platten M.A. and McCormick J.I.	Isolation of a toga-like virus from farmed Atlantic salmon Salmo salar with pancreas disease.	SAV
1995	Avian Diseases	39	554-566	Ni Y,	Ni Y, Kemp MC:.	A comparative study of avian reovirus pathogenicity: virus spread and replication and induction of lesions	Reovirus
1995	Veterinary Record	136	489-491	Rodger H. D	Rodger H.D., Murphy K., Drinan E.M., and Kennedy G.	Apparent lack of response of salmon affected by pancreas disease to pancreatic enzyme replacement therapy.	PD

1995	Aquaculture	136	195-207	Wheatley S.B	Wheatley S.B., McLoughlin M.F., Menzies F.D. and Goodall E.A.	Site management factors influencing mortality rates in Atlantic salmon Salmo salar L.	PD
1996	Jour.of Fish Diseases	19	303-310	Boucher P	Boucher P. and Baudin Laurencin F.	Sleeping disease and pancreas disease; Comparative histopathology and acquired cross protection.	SD & PD
1996	J Virol 1996, 70:6709–6715.	70	6709-6715	Herry B	Herry B, Baty CJ, Blum MA:	Reovirus-induced acute myocarditis in mice correlates with viral RNA synthesis rather than generation of infectious virus in cardiac myocytes.	Reovirus
1996	Fish and Shellfish Immunology	6	465-472	Houghton G.	Houghton G and Ellis A.E.	Pancreas disease in Atlantic salmon: serum neutralisation and passive immunisation.	PD
1996	Dis of Aquatic Organisms	26	117-124	McLoughlin M.F	McLoughlin M.F., Nelson R.T., Rowley H.M., Cox D.I. and Grant A.N.	Experimental pancreas disease in Atlantic salmon Salmo salar post-smolts induced by salmon pancreas disease virus (SPDV)	PD
1996	Aquaculture Research	27	183-190	Menzies F.D.	Menzies F.D., Wheatley S.B., Goodall E.A. and McLoughlin M.F.	Development of a computerised information retrieval system for Atlantic salmon, Salmo salar L., production.	PD
1997	Bull EAFP	17	27-30	Castric J.	Castric J., Baudin Laurencin F., Bremont M., Jeffroy J., Le Ven A. and Bearzotti M.	Isolation of the virus responsible for sleeping disease in experimentally infected rainbow trout (Oncorhynchus mykiss).	SD
1997	Ann.Review of Microbiology	51	565-592	Griffin, D.E	Griffin, D.E. and Hardwick, J.M.	Regulators of apoptosis on the road to persistent alphavirus infection	Alphavirus
1997	Dis of Aquatic Organisms	29	79-84	Grotmol S.	Grotmol S., Totland G. K., and Kryvi, H.	Detection of a nodavirus-like agent in heart tissue from reared Atlantic salmon Salmo salar suffering from cardiac myopathy syndrome (CMS).	CMS
1997	Bull EAFP	17	205-208	McLoughlin M.F	McLoughlin M.F.	The differential diagnosis of the major pancreatic disorders of salmonids, a diagnostic challenge	PD
1998	Jour.of Fish Diseases	21	391-394	Christie, K.E	Christie K.E., Fyrand K., Holtet L. and Rowley H.M.	Isolation of pancreas disease virus from farmed Atlantic salmon Salmo salar in Norway.	PDV

1998	Jour. of Fish Diseases	21	305-307	McLoughlin M.F	McLoughlin M.F., Rowley H.M. and Doherty C.E.	A serological survey of salmon pancreas disease virus (SPDV) antibodies in farmed Atlantic salmon Salmo salar L.	PD
1998	Jour. of Fish Diseases	21	469-471	Rowley H.M.	Rowley H.M., Doherty C., McLoughlin M.F. and Welsh M.D.	Isolation of salmon pancreas disease virus (SPDV) from Scottish farmed salmon.	SAV
1999	Dis of Aquatic Organisms	36	113-119	Crockford T.	Crockford T., Menzies F.D., McLoughlin M.F., Wheatley S.B. and Goodall E.A.	Aspects of the epizootiology of pancreas disease in farmed Atlantic salmon Salmo salar in Ireland	PD
1999	Dis of Aquatic Organisms	36	113-119	Crockford, T.	Crockford T., Menzies F.D., McLoughlin M.F., Wheatley S.B. and Goodall E.A.	Aspects of the epizootiology of pancreas disease in farmed Atlantic salmon Salmo salar in Ireland	PD
1999	PHD Thesis Queen's University Belfast			McLoughlin M.F	McLoughlin M.F	An investigation of pancreas disease in farmed Atlantic Salmon (Salmo salar).	PD
1999	Journal of Virology	73	4266-4271	Wang, E.,	Wang, E., Barrera, R., Boshell, J., Ferro, C., Freier, J.E., Navarro, J.C., Salas, R., Vasquez C. and Weaver, S.C.	Genetic and phenotypic changes accompanying the emergence of epizootic subtype IC Venezuelan equine encephalitis viruses from an enzootic subytpe ID progenitor.	Alphavirus
1999	Virology	256	188-195	Weston J.H.	Weston J.H., Welsh M.D., McLoughlin M.F. and Todd, D.	Salmon pancreas disease virus, an alphavirus infecting farmed Atlantic salmon, Salmo salar L.	SAV
2000	Dis of Aquatic Organisms	42	nov.15	Kibenge F.S.B.,	Kibenge F.S.B., Whyte S.K., Hammell K.L., Rainnie D., Kibenge M.T. and Martin C.K.	A dual infection of infectious salmon anaemia (ISA) and togavirus like virus in ISA of Atlantic salmon Salmo salar in New Brunswick.	Alphavirus
2000	Veterinary Record	146	500-501	Rodger H. D	Rodger H.D. and Turnbull T.	Cardiomyopathy syndrome in farmed Scottish salmon.	CMS
2000	Virology	74	173-183	Villoing S.	Villoing S., Bearzotti, M., Chilmonczyk S., Castric, J. and Bremont M.	Rainbow trout sleeping disease virus is an atypical alphavirus.	SAV
2000	Dis of Aquatic Organisms	40	19-27	Villoing S.	Villoing S., Castric J., Jeffroy J., Le Ven A., Thiery R. and Bremont M.	An RT-PCR-based method for the diagnosis of the sleeping disease virus in experimentally and naturally infected salmonids.	SDV

2000	Jour.of General Virology	81	813-820	Welsh M.	Welsh M., Weston J.H., Borghmans B.J, Mackie D., Rowley H., Nelson R., McLoughlin, M and Todd D.	Biochemical characterisation of salmon pancreas disease virus.	SAV
2001	Journal of Virology	75	4103-4109	Linn M.L.,	Linn M.L., Gardner J., Warrilow D., Darnell G.A., McMahon C.R., Field, I., Hyatt A.D., Slade R.W. and Suhrbier A.	Arbovirus of marine mammals: a new Alphavirus isolated from the elephant seal louse, Lepidophthirus macrorhini.	Alphavirus
2001	Fish & Shellfish Immunology	11	505-522	Lopez-Doriga M.V	Lopez-Doriga M.V., Smail D.A., Smith R.J., Domenech A., Castric J., Smith P.D. and Ellis A.E.	Isolation of salmon pancreas disease virus (SPDV) in cell culture and its ability to protect against infection by the 'wild type' agent.	PDV
2001	Virology	75	10118-10131	Powers A.M	Powers A.M., Brault A.C., Shirako Y., Strauss E.G., Kang W., Strauss J.H. and Weaver S.C.	Evolutionary Relationships and Systematics of the Alphaviruses.	Alphavirus
2001	Dis of Aquatic Organisms	46	101-108	Todd D.	Todd D., Jewhurst V.A., Welsh M.D., Borghmans B.J., Weston J.H., Rowley H.M., Mackie D.P. and McLoughlin, M.F.	Production and characterisation of monoclonal antibodies to salmon pancreas disease virus.	SAV
2002	J Gen Virol	83	1941-1951	Attoui H,	Attoui H, Fang Q, Mohd Jaafar F, Cantaloube JF, Biagini P, de Micco P, de Lamballerie X:	Common evolutionary origin of aquareoviruses and orthoreoviruses revealed by genome characterization of Golden shiner reovirus, Grass carp reovirus, Striped bass reovirus and golden ide reovirus (genusAquareovirus , family Reoviridae).	Reovirus
2002	Veterinary Record	150	759-760	Branson E.J.	Branson E.J.	Sleeping disease in trout.	SD
2002	Fish and Shellfish Immunology	12	77-95	Desvignes L.	Desvignes L., Quentel C., Lamour F., and Le Ven A.	Pathogenesis and immune response in Atlantic salmon pancreas disease virus (SPDV)	SPDV
2002	Veterinary Record	151	187	Graham, D.A	Graham, D.A., Rowley, H.M., Todc	Serological survey for sleeping disease in trout in Northern Ireland	SD

2002	Jour.of Fish Diseases	25	33-43	McLoughlin M.F	McLoughlin M.F., Nelson R.T., McCormick J.I., Rowley H.M. and Bryson D.B.	Clinical and histopathological features of naturally occurring pancreas disease in farmed Atlantic salmon Salmo salar. L.	PD
2002	Various			Skudland, A	Skudland, A., Poppe, T., Jarp, J. &	Hjertesprekk, Hos Norsk Oppdrettslaks Heartbreak in Norwegian farmedsalmon	CMS
2002	Journal of Virology	76	6155-6163	Weston J.H.	Weston J., Villoing S., Brémont Castric J., Pfeffer M., Jewhurst V., McLoughlin M., Rødseth O., Christie K.E., Koumans J., and Todd, D.	Comparison of two aquatic alphavirus, salmon pancreas disease virus and sleeping disease virus, by using genome sequence analysis, monoclonal reactivity, and cross-infection.	SAV
2003	Dis Aquat Organ	56	241-247	Brun E	Brun E, Poppe T, Skrudland A, Jarp J.	Cardiomyopathy syndrome in farmed Atlantic salmon Salmo salar: occurrence and direct financial losses for Norwegian aquaculture.	CMS
2003	Jour. Of Fish Diseases	26	407-413	Graham, D.A	Graham, D.A., Jewhurst, V., Rowley, H., McLoughlin, M. and Todd, D.	A rapid immunoperoxidase-based virus neutralization assay for salmonid alphavirus used for a serological survey in Northern Ireland.	SAV
2003	Jour. Of Fish Diseases	26	691-694	Graham, D.A	Graham, D.A., Rowley, H.M., Walker, I.W., Weston, J.H., Branson, E and Todd, D.	First isolation of sleeping disease virus from rainbow trout, Oncorhynchus mykiss (Walbaum) in the United Kingdom.	
2003	Marine Environment and Health Series	14		McLoughlin M.F	McLoughlin M.F., Peeler E., Foyle K.L., Rodger H.D., O'Ceallachain D. and Geoghegan F.	An epidemiological investigation of the re-emergence of pancreas disease in Irish farmed Atlantic salmon (Salmo salar L.) in 2002	PD
2003	Dis Aquat Organ.	56	87-88	Poppe T.	Poppe TT, Seierstad SL.	First description of cardiomyopathy syndrome (CMS)-related lesions in wild Atlantic salmon Salmo salar in Norway.	CMS
2004	Archives of Virology	18	139-147	Frolov,I.	Frolov,I.	Persistent infection and suppression of host response by alphavirus.	Alphavirus

2004	Jour. of Fish Diseases	27	143-149	Jewhurst V.A	Jewhurst V.A., Todd, D., Rowley H.M., Walker I.W., Weston J.H., McLoughlin M.F. and Graham D.A.	Detection and antigenic characterization of salmonid alphavirus isolates from sera obtained from farmed Atlantic salmon, Salmo salar L., and farmed rainbow trout, Oncorhynchus mykiss (Walbaum).	SAV
2004	Dis of Aquatic Organisms	59	217-224	Kongtorp R.T	Kongtorp R.T., Taksdal T. and Lyngøy A.	Pathology of heart and skeletal muscle inflammation (HSMI) in farmed Atlantic salmon Salmo salar.	HSMI
2004	Jour.of Fish Diseases	27	351-358	Kongtorp R.T	Kongtorp R.T., Kjerstad A., Taksdal T., Guttvik A. and Falk, K.	Heart and skeletal muscle inflammation in Atlantic salmon, Salmo salar L.: a new infectious disease.	HSMI
2005	EAFP Conference		95	Castric, J.	Castric, J., Cabon, J., and Le Ven, A	Experimental study of vertical transmission of sleeping disease virus (SDV) in rainbow trout (Oncorhynchus mykiss).	SDV
2005	Jour.of Fish Diseases	28	119-123	Ferguson H.W.	Ferguson H.W., Kongtorp R.T., Taksdal T., Graham D and Falk K.	An outbreak of disease resembling heart and skeletal muscle inflammation in Scottish farmed salmon, Salmo salar L., with observations on myocardial regeneration.	HSMI
2005	Jour. Of Fish Diseases	28	373-379	Graham, D.A	Graham, D.A., Jewhurst, V.A., Rowley, H.M., McLoughlin, M.F., Rodger, H. and Todd, D.	Longitudinal serological surveys of Atlantic salmon, Salmo salar L., using a rapid immunoperoxidase-based neutralization assay for salmonid alphavirus.	SAV
2005	DIPNET Newsletter			Graham, D.A	Graham, D.A	Serological testing of wild salmonids for antibody to salmonid alphaviruses.	SAV
2005	Dis of Aquatic Organisms	66	113-120	Hodneland K.,	Hodneland K., Bratland A., Christie K.E., Endresen C. and Nylund A.	New subtype of salmonid alphavirus (SAV), Togaviridae, from Atlantic salmon Salmo salar and rainbow trout Oncorhynchus mykiss in Norway.	SAV
2005	Archives of Virology	151	861-874	Karlsen M.	Karlsen M., Hodneland K., Endresen C. and Nylund A.	Genetic stability within the Norwegian subtype of salmonid alphavirus (family Togaviridae)	SAV
2005	Nor Vet Ins Report			Kongtorp R.T	Kongtorp R.T., Taksdal T. and Lille	Cardiomyopathy Syndrom (CMS) a literature review	CMS

2005	Comparative and Functional Genomics	6	217-227	Leurs A.J.	Leurs A.J., Adams S.D., Smalley J.U. and Campanella J.J.	A phylogenomic study of the genus Alphavirus employing whole gene comparison	Alphavirus
2005	Jour. of Gen. Virology	86	3119-3127	Moriette, C.	Moriette, C., Leberre, M., Kerbart Bosher, S., Castric, J. & Bremont, M.	Characterisation and mapping of monoclonal antibodies against the sleeping disease virus, an aquatic alphavirus	SDV
2005	Jour. of Fish Diseases	28	383-390	Roberts R.J.	Roberts R.J. and Pearson, M.D.	Infectious pancreatic necrosis in Atlantic salmon Salmo salar L.	IPNV
2005	Marine Environment and Health Series	22		Ruane, N.	Ruane, N., Rodger, H., Graham, D., Foyle, l., Ratcliff, J. Murphy, K., Mitchell, S., Staplews, C. Jewhurst, H., Todd, D. Geoghegan, F. & O'Cinneide, M.	Research on pancreas disease in Irish farmed salmon 2004/2005–current and future initiatives	
2005	Dis of Aquatic Organisms	66	105-111	Weston J.H.	Weston J.H., Graham D.A., Branson E., Rowley H.M., Walker I.W., Jewhurst V.A., Jewhurst H.L. and Todd D.	Nucleotide sequence variation in salmonid alphaviruses from outbreaks of salmon pancreas disease and sleeping disease.	SAV
2006	Dis of Aquatic Organisms	70	47-54	Graham, D.A	Graham, D.A., Taylor, C., Rodgers, D., Weston, J., Khalili, M., Ball, N., Christie, K.E. and Todd, D.	Development and evaluation of a one-step real-time reverse transcription polymerase chain reaction assay for the detection of salmonid alphaviruses in serum and tissues.	SAV
2006	Dis of Aquatic Organisms	74	191-197	Graham, D.A	Graham D.A., Jewhurst H.L., McLoughlin M.F., Branson E.J., McKenzie K., Rowley H.M. & Todd D.	A prospective longitudinal serological, virological and histopathological study of an outbreak of sleeping disease in farmed rainbow trout (Oncorhynchus mykiss).	SD
2006	J. of Virological Methods	131	184-192	Hodneland, K	Hodneland, K. and Endresen C. (2006) 131, 184-192.	Sensitive and specific detection of Salmonid alphavirus using real-time PCR (TaqMan).	SAV
2006	Jour.of Fish Diseases	29	263-273	Kerbart Boscher S	Kerbart Boscher S.K., McLoughlin M., Le Ven A., Cabon J., Baud M. and Castric J.	Experimental transmission of sleeping disease in one-year-old rainbow trout, Oncorhynchus mykiss (Walbaum), induced by sleeping disease virus.	SD

2006	Jour. of Fish Diseases	29	233-244	Kongtorp R.T.	Kongtorp RT, Halse M, Taksdal T,	Longitudinal study of a natural outbreak of heart and skeletal muscle inflammation in Atlantic salmon, Salmo salar L.	HSMI
2006	Dis of Aquatic Organisms	72	125-133	McLoughlin M.F	McLoughlin M.F., Graham D.A., Norris A., Matthews D. Foyle L. Rowley H.M., Jewhurst H., MacPhee J, Todd D.	Virological, serological and histopathological evaluation of fish strain susceptibility to experimental infection with salmonid alphavirus.	SAV
2006	Journal of Virology	80	4088-4098	Moriette C	Moriette C., LeBerre M., Lamoureux A. Thanh-Lan L and Bremont M.	Recovery of a recombinant salmonid alphavirus fully attenuated and protective for rainbow trout.	SAV
2006	Dis of Aquatic Organisms	70	183-192	Watanabe K.	Watanabe K., Karlsen M., Devold M., Isdal E., Litlabo A. and Nylund, A.	Virus-like particles associated with heart and skeletal muscle inflammation (HSMI)	HSMI
2007	Archives of Virology	152	1871-1883	Andersen, L.	Andersen, L., Bratland, A., Hodnel	Tissues tropism of salmonid alphaviruses (subtypes SAV 1 and SAV 3) in experimentally challenged Atlantic salmon (Salmo salar L.).	SAV
2007	Bulletin de l Academie Veterinaire de France	160	4192	Bremont, M	Bremont, M	Interest of reverse genetics applied to RNA viruses: Examples of a salmonid rhabdovirus and Alphavirus.	Alphavirus
2007	Dis of Aquatic Organisms	75	13-22	Christie, K.E	Christie, K.E., Graham, D.A., McLoughlin, M.F., Todd, D. and Knappskog, D.	Experimental infection of pre-smolts by i.p. injection with new Irish and Norwegian pancreas disease virus (PDV) isolates- a comparative study.	PDV
2007	Dis of Aquatic Organisms	72	193-199	Graham, D.A	Graham, D.A., Jewhurst, H., McLoughlin, M.F., Sourd, P., Rowley, H.M., Taylor ,C. and Todd, D.	Sub-clinical infection of farmed Atlantic salmon (Salmo salar L.) with salmonid alphavirus- a prospective longitudinal study.	SAV
2007	Jour. of Fish Diseases	29	1-11	Graham, D.A	Graham, D.A., C. Staples, C., Wilson, C.J., Jewhurst, H.. Cherry, K., Gordon, A. and Rowley, H.M.	Biophysical properties of salmonid alphaviruses: influence of temperature and pH on virus survival.	SAV

2007	Jour. of Fish Diseases	30	269-277	Graham, D.A	Graham, D.A., Cherry, K., Wilson, C.J., and Rowley, H.M.	Susceptibility of salmonid alphavirus to a range of chemical disinfectants.	SAV
2007	Dis of Aquatic Organisms	74	191-197	Graham, D.A	Graham, D.A., Jewhurst, H.L., McLoughlin, M.F., Branson, E.J., McKenzie, K., Rowley, H.M. and Todd, D.	A prospective longitudinal serological, virological and histopathological study of an outbreak of sleeping disease in farmed rainbow trout (Oncorhynchus mykiss).	SD
2007	Jour. of Fish Diseases	30	569-572	Graham, D.A	Graham, D.A, Rowley, H.M., Fringuelli, E. Bovo, G., Amedeo, M., McLoughlin, M.F., Zarza, C., Khalili, M. and Todd, D	First laboratory confirmation of salmonid alphavirus infection in Italy and Spain.	SDV
2007	Jour. of Fish Diseases	30	511-531	McLoughlin M.F	McLoughlin, M.F. And Graham, D.A.	Alphavirus Infections in salmonids-a review.	SAV
2007	Jour. of Fish Diseases	30	615-620	Poppe T.	Poppe, T., Taksdal, T. & Bergtun,	Suspected myocardial necrosis in farmed Atlantic salmon, Salmo salar L. : a field case	Heart
2007	Jour. of Fish Diseases	30	157-167	Rodger H. D	Rodger, H.D. and Mitchell, S.	Epidemiological observations of pancreas disease of farmed Atlantic salmon, Salmo salar, in Ireland.	PD
2007	Jour. of Fish Diseases	30	545-558	Taksdal, T.	Taksdal, T., Olsen, A.B., Bjerkas, I., Hjortaas, M.J., Dannevig, B.H., Graham, D.A. and McLoughlin, M.F.	Pancreas disease in farmed Atlantic salmon, Salmo salar L., and rainbow trout, Oncorhynchus mykiss (Walbaum), in Norway.	PD
2008	Bull EAFP	28	148-155	Bergman, S.M.	Bergman, S.M, Fichtner, D. Riebe,	First isolation of Sleeping Disease virus (SDV) in Germany	SDV
2008	Jour. of Fish Diseases	31	811-824	Fringuelli, E.	Fringuelli, E., Rowley, H.M, Wilson, J.C., Hunter, R., Rodger, H. and Graham, D.A.	Phylogenetic analyses and molecular epidemiology of European salmonid alphaviruses (SAV) based on partial E2 and nsP3 gene nucleotide sequences.	SAV
2008	Jour. of Fish Diseases	31	859-868	Graham, D.A	Graham, D.A., Wilson, C., Jewhurst, H. and Rowley, H.	Cultural characteristics of salmonid alphaviruses (SAV) - influence of cell line and temperature.	SAV

2008	Fish Veterinary Journal	10	74-88	Grant, A.N.	Grant A.N.	Response in Atlantic salmon Salmo salar affected by pancreas disease to pancreatic enzyme replacement therapy.	PD
2008	Jour. of Fish Diseases	31	913-920	Norris, A	Norris, A. Foyle ,L & Ratcliff, J	Heritability of mortality in response to a natural pancreas disease (SPDV) challenge in Atlantic salmon, Salmo salar L., post smolts on th eWest coast of Ireland sea site	PD
2008	Marine Environment and Health Series	34		Ruane, N.	Ruane,N., Graham, D.A. & Rodgers, H.	Pancreas Disease in farmed salmon-health management and investigations at Irish Farm sites 2005-2008	PD
2008	Immunological Reviews	225	27-45	Ryman, K.D.	Ryman, K.D & Klimstra, W.B.	Host responses to Alphaviruses	Alphavirus
2009	Jour. of Fish Diseases	32	953-961	Alne, H	Alne, H., Thomassen, M.S., Takle, T., Terjesen, B.F., Grammes, F., Oehme, M., Retstie, S., Sigholt, T., Berge, R.K. & Rorvik, K-A.	Increased survival by feeding tetradecylthioacetic acid during a natural outbreak of heart and skeletal muscle inflammation in S0 Atlantic salmon, Salmo salar L.	HSMI
2009	Jour. Aquatic Animal Health	21	173-178	Bratland, A	Bratland, A. and Nylund, A.	Studies on the Possibility of Vertical Transmission of Norwegian Salmonid Alphavirus in Production of Atlantic Salmon in Norway	SAV
2009	Dis Aquat Organ.	87	235-242	Bruno DW	Bruno DW, Noguera PA.	Comparative experimental transmission of cardiomyopathy syndrome (CMS) in Atlantic salmon Salmo salar.	CMS
2009	Dis Aquat Organ.	87	225-234	Fritsvold C,	Fritsvold C, Kongtorp RT, Taksdal T, Orpetveit I, Heum M, Poppe TT: .	Experimental transmission of cardiomyopathy syndrome (CMS) in Atlantic salmon Salmo salar	CMS
2009	Fish & Shellfish Immunology	26	672-675	Gahlawat, SK	SK Gahlawat, AE Ellis, B Collet	Expression of interferon and interferon-induced genes in Atlantic salmon Salmo salar cell lines SHK-1 and TO following infection with salmon alphavirus SAV	SAV

2009	Jour. of Fish Diseases	33	123-135	Graham, D.A	Graham, D.A. Fringuelli, E., Wilson, C., Rowley, H.M. Brown, A, Rodger, H. McLoughlin, M.F., McManus,C., Casey,E., McCarthy, L.J. & Ruane, N.M.	Prospective longitudinal studies of salmonid Alphavirus infections on two Atlantic salmon farms in Ireland; evidence of viral persistence	PD
2009	ICEL AGRIC. Science	22	19-17	Herath, T	Herath, T., Costa, J., Thompson, K	Alternative cell line for the isolation of salmonid alphavirus 1	SAV
2009	Virology Journal	6	173	Karlsen M.	Karlsen M., Villoing, S, Rimstad, E.	Characterisation of untranslated regions of the salmonid alphavirus 3 (SAV3) genome and construction of a SAV 3 based replicon	SAV
2009	Journal of Fish Diseases	32	253-263	Kongtorp, R.T.	Kongtorp, R.T. & Taksdal, T.	Studies with experimental transmission of heart and skeletal muscle inflammation in Atlantic salmon Salmo salar L.	HSMI
2009	Preventive Vet Med	90	127-136	Kristoffersen, A.B	Kristoffersen, A.B., Viljugrein, H, Kongtorp, R.T., Brun, E. and Jansen, P.A.	Risk factors for pancreas disease (PD) outbreaks in farmed Atlantic salmon and rainbow trout in Norway during 2003–2007.	SAV
2009	FEMS Microbiology Reviews	33	293-323	Lang, A.S	Lang, A.S., Rise, M.L. Culley, A.L. & Steward, G.F.	RNA viruses in the sea	RNA Viruses
2009	Fish Veterinary Journal	11	39-54	McLoughlin M.F	McLoughlin, M.F	Recent advances in pancreas disease research and the practical implications- A mini review.	PD
2009	Journal of Fish Diseases	32	477-479	Petterson, E	Petterson,E., Sandberg, M & Santi	Salmonid alphavirus associated with Lepeophtheirus salmonis (Copepoda: Caligidae) from Atlantic salmon Salmo salar L.	SAV
2009	Avian Diseases	53	523-532	Shivaprasad HL	Shivaprasad HL, Franca M, Woolcock PR, Nordhausen R, Day JM, Pantin-Jackwood M:	Myocarditis associated with reovirus in turkey poults.	Reovirus
2009	Dis of Aquatic Organisms	88	35-44	Viljugrein, H	Viljugrein H., Staalstrøm A., Molvær J., Urke H.A. and Jansen P.A.	Integration of hydrodynamics into a statistical model on the spread of pancreas disease (PD) in salmon farming.	PD

2010	Preventive Vet Med	93	51-61	Aldrin, M.	Aldrin, M., Storvik, B., Frigessi, A., Viljugrein, H. and Jansen, P.A.	A stochastic model for the assessment of the transmission pathways of heart and skeleton muscle inflammation, pancreas disease and infectious salmon anaemia in marine fish farms in Norway.	PD
2010	Preventive Vet Med	93	51-61	Aldrin, M.	Aldrin, M., Storvik, B., Frigessi, A., Viljugrein, H. and Jansen, P.A.	A stochastic model for the assessment of the transmission pathways of heart and skeleton muscle inflammation, pancreas disease and infectious salmon anaemia in marine fish farms in Norway.	HSMI
2010	Virology Journal	7	198	Andersen, L.	Andersen, L., Hodneland, K. and Nylund, A.	No influence of oxygen levels on pathogensis and virus shedding in salmonid alphavirus (SAV) challenged Atlantic salmon (Salmo salar L.)	SAV
2010	Preventive Vet Med	93	233-241	Aunsmo A	Ausmo, A., Valle, P.S., Sandberg, M., Midtlying, P.J. & Bruheim, T.	Stochastic modelling of direct costs of pancreas disease (PD) in Norwegian farmed Atlantic salmon (Salmo salar) L.)	PD
2010	J. Virology	84	8903-8912	Cheng, Xu	Cheng Xu, Tz-cChun Guo., Mutoloki, S. Haugland, O., Marjara, I.S. & Evensen, O.	Alpha Interferon and Not Gamma Interferon Inhibits Salmonid Alphavirus Subtype 3 Replication In Vitro	SAV
2010	Avian Diseases	54	1026-1032	Franca M,	Franca M, Crespo R, Chin R, Woolcock P, Shivaprasad HL	Retrospective study of myocarditis associated with reovirus in turkeys.	Reovirus
2010	Fish Diseases & Disorders, Volume 3: Viral, Bacterial and Fungal Infections (eds P.T.K. Woo and D.W. Bruno)	CAB INTER NATIO NAL 2009		Graham, D.A	Graham, D.A. & McLoughlin, M.F.	Salmonid Alphaviruses	SAV
2010	Jour. Of Fish Diseases	33	391-402	Jansen, M.D	Jansen, M.D., Taksdal, T., Wasmuth, M.A., Gjerset, B., Brun, E., Olsen, A.B., Breck, O. & Sandberg, M	Salmonid Alphaviruses (SAV) and pancreas disease (PD) in Atlantic salmon, Salmo salar. L, in freshwater and seawater sites in Norway from 2006-2008	SAV
2010	Virology Journal	7	188-195	Jansen, M.D.	Jansen, M.D., Gjerset, B., Modahl, I. & Bohlin, J.	Molecular epidemiology of salmonid alphavirus (SAV) subtype 3 in Norway	SAV

2010	Jour. of Fish Diseases	33	723-736	Jansen, M.D.	Jansen, M.D., Wasmuth, W.A., Olsen, A.B., Gjerset, B., Modahl, I., Breck, O., Haldorsen, R.N. Hjelmeland, R & Taksdal, T	Pancreas Disease (PD) in sea reared Atlantic salmon, Salmo Salar L., in Norway; a prospective, longitudinal study of disease development and agreement between tests	PD
2010	Archives of Virology	155	1281-93	Karlsen M.	Karlsen, m., Yousaf, M.N. Villoing,	The amino terminus of salonmid alphavirus capsid protein determines subcellualer localisation and inhibits cellular proliferation	SAV
2010	BMC Research Notes	3	241	Karlsen M.	Marius Karlsen, Stephane Villoing, Karl F Ottem, Espen Rimstad and Are Nylund	Development of infectious cDNA clones of Salmonid alphavirus subtype 3	SAV
2010	Jour. of Fish Diseases	11	879-888	Kongtorp R T	Kongtorp RT, Stene A, Andreassen PA, Aspehaug V, Graham DA, Lyngstad TM, Olsen AB, Olsen RS, Sandberg M, Santi N, Wallace C and Breck O.	No evidence of vertical transmission of SAV 3 from infected broodfish of Atlantic salmon, Salmo salar L.	SAV
2010	Virology Journal	7	309	Lovoll M	Lovoll M, Wiik-Nielsen J, Grove S, Wiik-Nielsen CR, Kristoffersen AB, Faller R, Poppe T, Jung J, Pedamallu CS, Nederbragt AJ, Meyerson M, Rimstad E, Tengs T	A novel totivirus and piscine reovirus (PRV) in Atlantic salmon (Salmo salar) with cardiomyopathy syndrome (CMS).	CMS
2010	Plosone	5	e11487	Palacios, G.	Palacios G, Lovoll M, Tengs T, Hornig M, Hutchison S, Hui J, Kongtorp RT, Savji N, Bussetti AV, Solovyov A, Kristoffersen AB, Celone C, Street C, Trifonov V, Hirschberg DL,Rabadan R, Egholm M, Rimstad E, Lipkin WI:	Heart and Skeletal Muscle inflammation of Farmed salmon is associated with infection with a novel Reovirus	HSMI

2010	Dis of Aquatic Organisms	91	177-188	Snow, M.	Snow, M., Black, J., Matejusova, I.,McIntosh, R., Baretto, E., Wallace, I.S. and Bruno, D.S.	Detection of salmonid alphavirus RNA in wild marine fish: implications for the origins of pancreas disease in aquaculture.	SAV
2011	Aquaculture	315	167-186	Johansen, L.-H.	Johansen L-H, Jensen I, Mikkelsen H, Bjørn P-A, Jansen PA, Bergh Ø	Disease interaction and pathogens exchange between wild and farmed fish populations with special reference to Norway	Virus
2011	Molecular immunology	49	163-174	Aleksei Krasnov	Krasnov A, Timmerhaus G, Schiøtz BL, Torgersen J, Afanasyev S, Iliev D, Jørgensen J, Takle H, Jørgensen SM	Genomic survey of early responses to viruses in Atlantic salmon, Salmo salar L	Virus
2011	Veterinary Research	42	12	Biacchesi, S	Biacchesi, S.	The reverse genetics applied to fish RNA viruses	SAV
2011	Viruses	3	2025-46	Crane, M	Crane M & Hyatt A	Viruses of Fish: An Overview of Significant Pathogens	Virus
2011	Jour.of Fish Diseases	34	273-286	Graham, D.A	Graham DA, Frost P, McLaughlin K, Rowley HM, Gabestad I, Gordon A & McLoughlin MF.	A comparative study of marine salmonid alphavirus subtypes 1-6 using an experimental cohabitation challenge.	SAV
2011	Journal of Virology	85	5275-5286	Haugland O,	Haugland O, Mikalsen AB, Nilsen P, Lindmo K, Thu BJ, Eliassen TM, Roos N, Rode M, Evensen O:.	Cardiomyopathy syndrome of atlantic salmon (Salmo salar L.) is caused by a double-stranded RNA virus of the Totiviridae family.	CMS
2011	Nor Vet Ins Report Series	14	pp25	Jensen, B.B	Bang Jensen B, Kristoffersen AB & Brun E.	Vudering av effekter av PDfri prosjektet 2008-2010 in Norwegian Assessment of the effects of PDfri project 2008-2010	PD
2011	Aquaculture	315	167-186	Johansen, L.H.	Johansen LH, Jensen I, Bjorn PA, Jansen PA & Bergh O	Disease interaction and pathogens exchange between wild and farmed fish populations with special reference to Norway	Fish disease
2011	Bull EAFP	31	199-204	Lester K	Lester K., Black J. And Bruno D.W.	Prevalence of salmonid alphavirus in Scottish fish farms from 2006 to 2007.	SAV

2011	Plosone	6	e25816	Metz, S.W.	Metz SW, Feenstra F, Villoing S, Van Hulten MC, van Lent JW, Koumans J, Vlak JM & Pijlman GP	Low Temperature Dependent salmonid alpha virus glycoprotein processing and recombinat virus-like particle formation	SAV
2011	PLoS One	6 (10)	e25816	Metz, S.W.	Metz SW, Feenstra F,Villoing S, van Hulten MC, van Lent JW, Koumans J, Vlak JM & Pijlman GP	Low Temperature-Dependent Salmonid Alphavirus Glycoprotein Processing and Recombinant Virus-Like Particle Formation	SAV
2011	J. of Virology	85	8403-8412	Mingxian Chang	Chang M, Collet B, Nie P, Lester K, Campbell S, Secombes CJ & Zou J	Expression and Functional Characterization of the RIG-I-Like Receptors MDA5 and LGP2 in Rainbow Trout (*Oncorhynchus mykiss*)	SD
2011	Aquaculture environment interactions	2	61-74	Salama, N.K.	Salama NK & Murray AG	Farm size as a factor in hydrodynamic transmission of pathogens in aquaculture fish production	Managemen
2011	Veterinary Research	42	56-67	Snow, M.	Snow, M.	The contribution of molecular epidemiology to the understanding and control of viral diseases of salmonid aquaculture.	Virus
2011	Developmental & Comparative Immunology	35	116-1127	Strandskog, G.,	Strandskog G, Villoing S, liiev DB, Thim HL, Christie KE & Jorgensen JB	Formulations combining CpG containing oliogonucleotides and poly I:C enhance the magnitude of immune responses and protection against pancreasdisease in Atlantic salmon	PD
2011	J. of Virology	85	9188-9198	Sun, B.	Sun B, Skjaeveland I, Svingerud T, Zou J, Jorgensen J & Robertson B	Antiviral Activity of Salmonid Gamma Interferon against Infectious Pancreatic Necrosis Virus and Salmonid Alphavirus and Its Dependency on Type I Interferon▿	SAV
2011	Fish & Shellfish Immunology	31	704-715	Tacchi L,	Bickerdike R, Douglas A, Secombes CJ, Martin SA.	Transcriptomic responses to functional feeds in Atlantic salmon (Salmo salar).	Diet
2011	BMC Genomics.	23	459	Timmerhaus G,	Timmerhaus G, Krasnov A, Nilsen P, Alarcon M, Afanasyev S, Rode M, Takle H, Jørgensen SM.	Transcriptome profiling of immune responses to cardiomyopathy syndrome (CMS) in Atlantic salmon.	CMS

2011	Jour. Of Fish Diseases	35	169-71	Wiik-Nielsen CR	Wiik-Nielsen CR, Ski P-MR, Aunsmo A & Lovoll M.	Prevalence of viral RNA from Piscine revirus and piscine myocarditis virus in Atlantic salmon, Salmo salar L. Broodfish and progeny.	PRV
2012	Dis Aquat Org	97	255-258	Wiik-Nielsen CR	Wiik-Nielsen CR, Løvoll M, Sandlund N, Faller R, Wiik-Nielsen J, Bang Jensen B	First detection of piscine reovirus (PRV) in marine fish species.	PRV
2012	Dis of Aquatic Organisms	102	23-31	Bang Jensen B	Bang Jensen B, Kristoffersen AB, Myr C & Brun E.	Cohort study of effect of vaccination on pancreas disease in Norwegian salmon aquaculture	PD
2012	Farm Animal Proteomics		87-90	Braceland, M.	Braceland M, Bickerdike R, Cockerill D, Burchmore R & Weir W	Proteomics in biomarker detection and monitoring of pancreas disease (PD) in atlantic salmon (*Salmo salar*)	SAV
2012	Veterinary Research	43	27	Finstad, OW	ØW Finstad, K Falk, M Løvoll, Ø Evensen	Immunohistochemical detection of pidcine reovirus (PRV) in hearts of atlantic salmon with the course of heart and skeletal muscle inflammation (HSMI)	HSMI
2012	Diseases of Aquat Org	102	157-161	Garseth ÅH	Garseth AH, Biering E & Tengs T	Piscine myocarditis virus (PMCV) in wild Atlantic salmon Salmo salar	CMS
2012	J of Fish Diseases	35	755-765	Graham, D.A	Graham, D A, Fringuelli E, Rowley H M, Cockerill D, Hoare, J, Turnbull T, Rodger H, Morris D and McLoughlin M F.	Geographical distribution of salmonid alphavirus subtypes in marine farmed Atlantic salmon Salmo salar L in Scotland and Ireland	SAV
2012	J of Fish Diseases	35	949-951	Graham, D.A	Graham DA, Brown A, Savage P & Frost P	Detection of salmon pancreas disease virus in the faeces and mucus of Atlantic salmon, Salmo salar L., by real time RT-PCR and cell culture following experimental challenge	SAV
2012	J of Fish Diseases	35	109-117	Grammes, F.	Grammes F, Rorvik K-A & Takle H	Tetradecylthioacetic acid modulates cardiac transcription in Atlantic salmon, *Salmo salar* L., suffering heart and skeletal muscle inflammation	HSMI
2012	J of Fish Diseases	35	799-808	Herath T	Herath TK, Ferguson HW, Thompson K, Adams A & Richards RH	Ultrastructural morphogenesis of salmonid alphavirus 1	SAV

2012	Vaccine	30	5688-5694	Karlsen M.	Karlsen M, Tingbo T, Solbakk IT, Evensen O, Furevik A & Ass-Eng A	Efficacy and safety of an inactivated vaccine against Salmonid alphavirus (family *Togaviridae*)	SAV
2012	Antiviral Research	95	257-281	Kibenge FSB	Kibenge FSB, Godoy MG, Fast M, Workenhe S & Kibenge MJT	Countermeasures against viral diseases of farmed fish	Virus
2012	Aquaculture	368-369	89-94	Kilburn R	Kilburn R, Murray AG, Hall M, Bruno DW, Cockerill D & Raynard RS	Analysis of a company's production data to describe the epidemiology and persistence of pancreas disease in Atlantic salmon (Salmo salar L.) farms off Western Scotland	PD
2012	Preventive Vet Med	109	136-143	Kristoffersen AB	Kristoffersen AB, Bang Jensen B & Jansen PA	Risk mapping of heart and skeletal muscle inflammation in salmon farming	HSMI
2012	Aquaculture	330	82-91	Larsson T,	Larsson T, Krasnov A, Lerfall J, Taksdal T, Pedersen M & Morkore T	Fillet quality and gene transcriptome profiling of heart tissue of Atlantic salmon with pancreas disease (PD)	PD
2012	Aquaculture	324-325	209-217	Lerfall, J.	Lerfall J, Larsson T, Birkeland S, Taksdal T, Dalgaard P, Afanasyev S, Bjerkw MT & Morkore T	Effect of (PD) on quality attributes of raw and smoked fillets of Atlantic salmon (salmon salar L.)	PD
2012	Dis of Aquatic Organisms .	99	7-12	Løvoll M,	Løvoll M, Alarcón M, Bang Jensen B, Taksdal T, Kristoffersen AB, Tengs T.	Quantification of piscine reovirus (PRV) at different stages of Atlantic salmon Salmo salar production.	PRV
2012	PLoS One	7	e40266	Martinez-Rubio L	Martinez-Rubio L, Morais S, Evensen Ø, Wadsworth S, Ruohonen K, Vecino JLG, Bell JG &Tocher DR	Functional Feeds Reduce Heart Inflammation and Pathology in Atlantic Salmon (Salmo salar L.) following Experimental Challenge with Atlantic Salmon Reovirus (ASRV)	HSMI , heart pathology
2012	PLoS ONE	7(6)	e37269	Mikalsen AB,	Mikalsen AB, Haugland O, Rode M, Solbakk IT, Evensen O	Atlantic Salmon Reovirus Infection Causes a CD8 T Cell Myocarditis in Atlantic Salmon (Salmo salar L.).	PRV
2012	Jour. of Fish Diseases	35	897-906	Taksdal, T.	Taksdal T, Wiik-Nielsen J, Birkeland S, Dalgaard P & Morkore T	Quality of raw and smoked fillets from clinically healthy Atlantic salmon, Salmo salar L., following an outbreak of pancreas diseae (PD)	PD

2012	BMC Veterinary Research	8	172	Tavornpanich S	Tavornpanich S, Paul M, Viljugrein H, Abrial D, Jimenez D & Brun E	Risk map and spatial determinants of pancreas disease in the marine phase of Norwegian Atlantic salmon farming sites	PD
2012	Jour. of Fish Diseases	35	345-547	Tengs, T	Tengs, T & Bockerman, I	A strain of piscine myocarditis virus infecting Atlantic argentine, Argentina silus (Ascanius)	PMV
2012	Vaccine	30	4828-4834	Thim HL	Thim HL, Iliev DB, Christie KE, Villoing S, Strandskog G, McLoughlin MF & Jørgensen JB	Immunoprotective Activity of a Salmonid Alphavirus Vaccine: Comparison of the immune responses induced by inactivated whole virus antigen formulations based on CpG class B oligonucleotides and poly I:C alone or combined with an oil adjuvant.	SAV
2012	BMC Genomics.	13	205	Timmerhaus G,	Timmerhaus G, Krasnov A, Takle H, Afanasyev S, Nilsen P, Rode M & Jørgensen SM	Comparison of Atlantic salmon individuals with different outcomes of cardiomyopathy syndrome (CMS)	CMS
2012	Jour of Fish Diseases	35	907-916	Wiik-Nielsen, J	Wiik-Nielsen J, Lovoll M, Fritsvold C, Kristoffersen AB, Haugland Ø, Hordvik I, Aamelfot M, Jirillo E, Koppang EO & Grove S	Characterization of myocardial lesions associated with cardiomyopathy syndrome in Atlantic salmon, Salmo salar L., using laser capture microdissection	CMS
2012	Vaccine	30	3918-3928	Xu C	Xu C, Mutoloki S & Evensen O	Superior protection conferred by inactivated whole virus vaccine over subunit and DNA vaccinaes against salmonod alphavirus infection in Atlantic salmon (Salmo salar L.)	SAV
2012	Veterinary Research	43	78	Xu C	Xu C, Guo T, Mutoloki S, Haugland Ø, Evensen Ø	Gene expression studies of host response to Salmonid alphavirus subtype 3 experimental infections in Atlantic salmon	SAV
2012	Scientific World Journal		741302	Yousaf MD	Yousaf MD & Powell M	The Effects of Heart and Skeletal Muscle Inflammation and Cardiomyopathy Syndrome on Creatine Kinase and Lactate Dehydrogenase Levels in Atlantic Salmon (*Salmo salar* L.)	HSMI & CMS
2012	Fish & Shellfish Immunology	33	305-315	Yousaf, M.D.	Yousaf MD, Koppang EO, Skjodt K, Kollner B, Zou J, Secombes C & Powell M	Cardiac pathological changes of Atlantic salmon (*Salmo salar* L.) affected with heart and skeletal muscle inflammation (HSMI)	HSMI

2013	J Fish Diseases	36	483-493	Garseth ÅH	Garseth ÅH, Fritsvold C, Opheim M, Skjerve E & Biering E	Piscine reovirus (PRV) in wild Atlantic salmon, Salmo salar L., and sea-trout, Salmo trutta L., in Norway	PRV
2013	PLoS One	8	e60924	Glover KA	Glover KA, Sørvik AGE, Karlsbakk E, Zhang Z & Skaala Ø	Molecular Genetic Analysis of Stomach Contents Reveals Wild Atlantic Cod Feeding on Piscine Reovirus (PRV) Infected Atlantic Salmon Originating from a Commercial Fish Farm	PRV
2013	Fish & Shellfish immunology	34	789-798	Grove S	Grove S, Austbø L, Hodneland K, Frost P, Løvoll M, McLoughlin MF, Thim HL, Braaen S, König M, Syed M, Jørgensen JB & Rimstad E	Immune parameters correlating with reduced susceptibility to pancreas disease in experimentally challenged Atlantic salmon (Salmo salar)	PD
2013	J Fish Diseases	36	71-74	Hjortaas M	Hjortaas MJ, Skjelstad HR, Taksdal T, Olsen AB, Johansen R, Bang Jensen B, Ørpetveit I & Sindre H	The first detections of subtype 2–related salmonid alphavirus (SAV2) in Atlantic salmon, Salmo salar L., in Norway	SAV
2013	J of General Virology	94	1039-1050	Key T	Key T, Read J, Nibert ML & Duncan R	Piscine reovirus encodes a cytotoxic, non-fusogenic, integral membrane protein and previously unrecognized virion outer-capsid proteins	PRV
2013	Virology Journal	10	230	Kibenge MJT	Kibenge MJT, Iwamoto T, Wang Y, Morton A, Godoy MG & Kibenge FSB	Whole-genome analysis of piscine reovirus (PRV) shows PRV represents a new genus in family Reoviridae and its genome segment S1 sequences group it into two separate sub-genotypes	PRV
2013	Archives of Virology		DOI: 10.1007/ s00705-013-1689-4	Matejusova I	Matejusova I, Lester K, Li Z, Bravo J, Bland F & Collet B	Comparison of complete polyprotein sequences of two isolates of salmon alphavirus (SAV) type I and their behaviour in a salmonid cell line	SAV

2013	J of Virology		doi: 10.1128/ JVI.03501-12	Mérour E	Mérour E, Lamoureux A, Bernard J, Biacchesi S & Brémont M	A Fully Attenuated Recombinant Salmonid Alphavirus Becomes Pathogenic through a Single Amino Acid Change in the E2 Glycoprotein	SAV
2013	J of General Virology		doi: 10.1099/ vir.0.052563-0	Petterson E	Petterson E, Stormoen M, Evensen Ø, Mikalsen AB & Haugland Ø	Natural infection of Atlantic salmon (Salmo salar L.) with salmonid alphavirus 3 (SAV3) generates numerous viral deletion mutants	SAV
2013	J Fish Diseases		doi: 10.1111/ jfd.12090	Stene A	Stene A, Viljugrein H, Yndestad H, Tavornpanich S & Skjerve E	Transmission dynamics of pancreas disease (PD) in a Norwegian fjord: aspects of water transport, contact networks and infection pressure among salmon farms	PD
2013	J Fish Diseases	36	639-645	Stormoen M	Stormoen M, Kristoffersen AB & Jansen PA	Mortality related to pancreas disease in Norwegian farmed salmonid fish, Salmo salar L. and Oncorhynchus mykiss (Walbaum)	PD
2013	Preventive Vet Med	111	329-332	Tavornpanich S	Tavornpanich S, Viljugrein H, Stene A & Brun E	Estimation of the reproduction number of salmon pancreas disease virus subtype 3 in homogeneously mixed populations of Norwegian farmed Atlantic salmon	PD
2013	J Fish Diseases	36	129-139	Wiik-Nielsen J	Wiik-Nielsen J, Alarcón M, Fineid B, Rode M & Haugland Ø	Genetic variation in Norwegian piscine myocarditis virus in Atlantic salmon, Salmo salar L.	PMCV, CMS
2013	Veterinary Immunology and Immunopathology	151	49-62	Yousaf MN	Yousaf MN, Koppang EO, Skjødt K, Hordvik I, Zou J, Secombes C & Powell MD	Comparative cardiac pathological changes of Atlantic salmon (Salmo salar L.) affected with heart and skeletal muscle inflammation (HSMI), cardiomyopathy syndrome (CMS) and pancreas disease (PD)	HSMI, PD, CMS
2013	Bull Eur. Ass. Fish Pathol	33	78-83	Vardić Smrzlić I	Vardić Smrzlić I, Kapetanović D, Valić D, Teskeredžić E, McLoughlin MF & Fringuelli, E	First laboratory confirmation of sleeping disease virus (SDV) in Croatia	SDV

http://www.dipnet.info/newsletters/index.asp

DOI: 10.1111/j.1574-6976.2008.00132.x

doi:10.1186/1756-0500-3-241

doi:10.3390/v3112025

doi: 10.1128/JVI.00445-10

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doi: 10.1128/JVI.00319-11

doi:10.1111/j.1365-2761.2012.01427.x														
doi:10.1111/j.1365-2761.2012.01420.x														

doi:10.1111/j.1365-2761.2012.01428.x

doi:10.1111/j.1365-2761.2012.01431.x