

<h2 style="text-align: center;">TriNation 2024</h2> <h3 style="text-align: center;">24th-25th April 2024, Quality Hotel Edvard Grieg, Bergen</h3>		
<b>Wednesday April 24th</b>	<b>Registration and coffee 09.30 – 10.30</b>	
<b>Program Day 1</b>	<b>10.30-17.15</b>	
1030	Practical information	Sonal Patel, NVI, Secretary, TriNation
<b>1035</b>	<b>Welcome</b>	Tore Hovland, Aqua Kompetanse, President, TriNation
<b>10.45-11.30 Session I</b>	<b>Situation updates</b>	Chair: Marit Stormoen
1045	Norway	Hilde Sindre, Norwegian Veterinary Institute, Norway
1100	Ireland	Susie Mitchell, Pharmaq Analytiq, Ireland
1115	Faroe Islands	Debes Christiansen, Food and Veterinary Agency, Faroe islands
1130	Scotland	Silvia Soares, Marine Directorate, Scotland
1145	Session discussion – open for questions from Slido	
1200-1215	Coffee break	
<b>1215-1330 Session II</b>	<b>Experiences from industry</b>	Chair: Susie Mitchell
1215	Scottish experience - Pancreas Disease & Hydrozoan Blooms	Kimberley McKinnell, Bakkafrost Scotland
1230	Managing CMS in Scotland	Ralph Bickerdike, Scottish Sea Farms, Scotland
1245	An atypical course of Cardiomyopathy syndrome in Farmed Atlantic Salmon fed a clinical nutrition diet	Julia Mullins, Skretting, Norway
1300	Fish health insights through monitoring blood	Chris Mitchell, WellTech, Scotland
1315	Session discussion – open for questions from Slido	
1330-1415	Lunch break	
<b>1415-1515 Session III</b>	<b>Biosecurity and control strategies</b>	Chair: Tore Hovland
1415	The successful story of combatting PD in Production Area 7 (Mid-Norway)	Anne Lene Dale, Aqua Kompetanse, Norway
1430	PD in Production Area 8 (Mid-Norway)	Kristin Ottesen, HaVet, Norway
1445	Modelling spread of PD using water contact integrated in a three-dimensional hydrodynamic model	Erlend Mundal, Aqua Kompetanse, Norway
1500	The effect of synchronized fallowing in open sea cage farming of Atlantic salmon	Marit Stormoen, Norwegian University of Life Sciences, Norway
1515	Session discussion – open for questions from Slido	
1530-1545	Coffee break	
<b>1545-1630 Session IV</b>	Open discussion with questions from Slido	Moderators: Sonal Patel and Sven Martin Jørgensen
1545-1555	Biosecurity measures in Norwegian Salmon production	Randi Grøntvedt, Sjømat Norge, Norway
<b>1630-1715 Session IV</b>	<b>Disease control Strategies</b>	Chair: Kimberley McKinnell
1630	Susceptibility of brown trout (salmo trutta) to piscine orthoreovirus genotype 3 (PRV-3)	Niccoló Vendramin, DTU AQUA, Denmark
1645	Fish pathogens surveillance during complex disease outbreak in RAS by high-throughput microfluidic qPCR	Juliane Sørensen, DTU AQUA, Denmark

1700	Genomic analysis reveals low genetic diversity and no continuous reintroduction of piscine myocarditis virus (PMCV) in Faroese farmed salmon	Maria Marjunardóttir Dahl, Faroese National Reference Laboratory
1715	End of day 1	
1900	Dinner at Venue	

<b>Thursday 25th April</b>	<b>Registration and coffee 08.45 – 09.00</b>	
<b>Program Day 2</b>	<b>09.00-13.10</b>	
<b>0900-1030 Session IV contd</b>	<b>Disease control Strategies, continued</b>	Chair: Samantha White
0900	Functional consequences of PMCV infection in Atlantic salmon Michael Frisk, University of Oslo	Michael Frisk, University of Oslo, Norway
0915	Effect of pancreas disease vaccines on infection levels in Atlantic salmon challenged with salmonid alphavirus, genotype 2	Ragnar Thorarinsson, Elanco Animal Health, Norway
0930	Introducing dbDNA – the foundation for a new wave of innovation in aquaculture vaccines	Ian Thompson, Touchlight Aquaculture Ltd, UK
0945	Blood based biochemistry in Atlantic salmon- prognostic tool for myopathies?	Martin Huun-Røed, Patogen, Norway
1000	Comparison of whole blood transcriptome responses of Atlantic salmon infected by three Piscine orthoreovirus variants	Thomais Tsoulia, Norwegian Veterinary Institute, Norway
1015	Session discussion – open for questions from Slido	
1030	Coffee break	
<b>1100</b>	<b>Information from Steering Committee</b>	Sonal Patel, Secretary, TriNation
<b>1110 -1400: Session V</b>	<b>New Research</b>	Chair: Sven Martin Jørgensen
1110	In vivo replication and pathogenicity of PMCV after infection with different doses of heart homogenate	Amr Ahmed Gamil, Norwegian University of Life Sciences, Norway
1125	PMCV – characteristics of the virus that may affect the outcome of CMS	Aase Mikalsen, Norwegian University of Life Sciences, Norway
1140	Genomic tracking of the spread of piscine myocarditis virus (PMCV) in farmed salmon	Mingli Zhao, Royal Vet college, Scotland
1155	Deciphering the molecular basis of PMCV infection and the disease, CMS	Espen Rimstad, Norwegian University of Life Sciences, Norway
1210	Salmonid alphavirus accumulates specific genome deletion variants to high frequencies during replication in cell culture	Turhan Markussen, Norwegian University of Life Sciences, Norway
1225	Viral genomic surveillance - supporting disease control in Atlantic salmon aquaculture	Bertie Knight, University of Edinburgh, Scotland
1240	Session discussion – open for questions from Slido	
1250	Summing up	Chris Mitchell, Wellfish Tech, and Paul Savage, Agri-Food and Biosciences Institute (AFBI)
1310	Lunch	
<b>1400</b>	<b>End of day 2</b>	