

<p style="text-align: center;">Program - TriNation 2026</p> <p style="text-align: center;">16th-17th April, Riddel Hall, Queens University, Belfast, Ireland</p>		
Thursday April 16th	Registration and coffee 08.45 – 09.15	
Program Day 1	09.15-16.45	
Session I	0915 – 1100 Welcome and situation updates	Chair: Sonal Patel, Norwegian Veterinary Institute, Norway
0915	Welcome and Practical information	Sonal Patel, NVI, Secretary, TriNation
0920	Welcome	Tore Hovland, Aqua Kompetanse, President, TriNation
0930	TriNation -20 years jubilee	Marian MacLoughlin, Ireland
1000	Viral heart diseases in salmonids in Norway	Torfinn Moldal, Norwegian Veterinary Institute, Norway
1015	Situation update – Ireland	Susie Mitchell, Stim, Ireland
1030-1100	Group Photo and Coffee break	
1100-1230 Session I contd	Situation updates and experiences from industry	Chair: Sonal Patel, Norwegian Veterinary Institute, Norway
1100	Situation update - Scotland	Christopher Matthews (PHARMAQ Analytiq) Meritxell Díez-Padrisa (Patogen)
1115	Situation update on PD, CMS and HSMI from the Faroe Islands	Debes Christiansen, Faroese Food and Veterinary Authority (FFVA)
1130	PD situation in mid-Norway – digital	Barbo Klakegg, Norwegian Food & Safety Authorities, Norway
1145	Experiences from PD outbreaks and transmission in Austevoll region – digital	Malene Waage Skår, Havkar Drift, Norway
1200	Session discussion – open for questions from Slido	
1215-1315	Lunch break	
1315-1430 Session II	Biosecurity and control strategies	Chair: Tore Hovland, Aqua Kompetanse, Norway
1315	Effect of biosecurity measures on pathogen persistence in RAS facilities: experimental trials and on-farm surveillance	Sonal Patel, Norwegian Veterinary Institute, Norway
1330	PRV-1 Prevalence in Norwegian Salmon Hatcheries	Marit Stormoen, Norwegian University of Life Sciences, Norway
1345	Proximity-Based PD Risk Insights in Norwegian Salmon Production Areas 3 & 4	Joel Ellis, MSD Animal Health, UK
1400	Collective action under shared biological risk: Evidence from pancreas disease control in salmonid aquaculture in Norway	Aklilu Tilahun Tadesse, Norwegian Veterinary Institute, Norway
1415	The Impact of Sea Lice Infestation on PRV-1 and PMCV Infection Dynamics in Atlantic Salmon	Fabio Sabbadin Zanuzzo, Onda, Canada
1430	Session discussion – open for questions from Slido	
1445 – 1500	Coffee break	
1500-1640 Session II contd	Biosecurity and control strategies	Chair: Silvia Soares, Govt of Scotland
1500	Selective breeding for CMS-resistance reduces PMCV viral loads and alters host response	Thomas Moen, AquaGen, Norway

1515	Is elimination of PMCV in brood stock maintained under closed containment achievable?	Maria Marjunardóttir Dahl, Faroese Food and Veterinay Authority, Faroe Islands
1530	SalmoStrong: Drivers of Salmon Robustness	Nick Wade, The Roslin Institute, UK
1540	Essential fatty acids (EPA+DHA) enhance resistance to viral disease in in Atlantic Salmon (<i>Salmo salar</i>): Evidence from both controlled and large-scale farming studies	Jinni Gu, BioMar AS, Norway
1555	Practical use of clinical nutrition during viral disease outbreaks in Atlantic salmon (<i>Salmo salar</i>)	Torunn Forberg, BioMar AS, Norway
1605	Characterization of recent IHNV strains with focus on diagnostics in the field and in vivo virulence testing	Niccoló Vendramin, DTU Aqua - National institute of aquatic resources
1615	Third party bio security challenges	Marcus Darler, O'Three Ltd, UK
1625	Session discussion – open for questions from Slido	
1640	End of day 1	
1845	Dinner at Titanic Museum	

Friday 17th April	Arrival and coffee 0830 – 0845	
Program Day 2	08.45-15.00	
0845-0945 Session III	New Research	Chair: Samantha White, Marine Institute, Ireland
0845	Automated Deep Learning Detection and Quantification of Myocardial Inflammation in Salmon Heart Whole Slide Images	Kai-Inge Lie, Pharmaq Analytiq, Norway
0900	A dual-readout approach to understand heart healing after PMCV infection in Atlantic salmon: collagen remodelling and cardiomyocyte gene signatures	Øystein Evensen, Norwegian University of Life Sciences, Norway
0915	Trialling the use of a portable PCR machine for onsite rapid detection of pathogens in Atlantic salmon aquaculture.	Sarah McEvoy, Mannin Salmon Limited, Ireland
0930	PMCV in skin and mucus	Espen Rimstad, , Norwegian University of Life Sciences, Norway
0945	Gill swabs reveal early PRV-1 infection	May Linn Buberg, Salmax Research AS, Norway
1000 - 1030	Coffee break	
1030 -1215: Session IV	New Research	Chair: Susie Mitchell, Stim, Ireland
1030	Comparison of virulence across recent ISAV-HPR deleted strains in Atlantic salmon infected by bath challenge	Sonal Patel, Norwegian Veterinary Institute, Norway
1045	Validation of water-sampling to tissue-sampling for surveillance of ISAV	Britt Bang Jensen, Technical University of Denmark (DTU AQUA)
1100	Why whole-genome sequencing matters for segmented viruses in salmon farming: lessons from ISAV	Mingli Zhao, Royal Veterinary College, UK
1115	Tracing the Spread of SAV2 to the Helgeland Coast in 2023	Jan Inge Øvrebø, Norwegian Veterinary Institute, Norway

1130	Infection with SAV2 and SAV3 under equal conditions results in differences in viral loads, disease progression, severity and growth impact – <i>a deeper dive into reasons why</i>	Fabian Kropp, Norwegian University of Life Sciences (NMBU), Norway
1145	Using genomic data to understand viral evolution and reconstruct transmission scenarios in Atlantic salmon aquaculture	Bertie Knight, The Roslin Institute, University of Edinburgh, UK
1200	Session discussion – open for questions from Slido	
1215 - 1315	Lunch	
1315	Information from Steering Committee	Sonal Patel, Secretary, TriNation
1325 -1500: Session V	<i>New research and Vaccination strategies</i>	Chair: Marit Stormoen, Norwegian University of Life Sciences, Norway
1325	Effects of combining selective breeding and vaccination on resistance to Cardiomyopathy syndrome in Atlantic salmon (<i>Salmo salar</i> L)	Marius Karlsen, Pharmaq AS, Norway
1340	The role of cell-culture medium and viral antigens in the prevalence of spinal deformities including cross-stitch vertebrae and reduced growth in Atlantic salmon	Rodrigo Belmonte Da Silva, MSD Animal health, Norway
1355	Challenges in evaluating mRNA vaccines against ISA due to variable mortality in challenge experiments with a recent ISAV isolate	Lars Ole Sti Dahl, Norwegian University of Life Sciences, Norway
1410	Infectious salmon anemia in global salmon farming: Trends, management and vaccination	Lars G. Jørgensen, Pharmaq AS, Norway
1425	Session discussion – open for questions from Slido	
1445	Summing up	Chris Mitchell, Laxsal, UK
1500	End of day 2	

Posters:

From Hatchery to Sea: Understanding stocking behaviours of Norwegian salmonid farms using wellboat movements	Trishang Udhwani, Norwegian Veterinary Institute, Norway
The Dilemmas of Digital PCR: Technology Transfer for Fish Health Diagnostics	Stephanie Linehan, Marine Institute, Ireland and ATU Galway, Ireland