

MSX and Dermo Project Updates - Year 1

November 10th, 2025, CUP, Summerside, PEI

A primer on MSX and dermo diseases and a consideration of potential dynamics and impacts in the Atlantic Provinces

Dr. Ryan B. Carnegie, VIMS

Video: <https://youtu.be/t7Vj8HL2bHU>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/A-primer-on-MSX-and-dermo-diseases-and-a-consideration-of-potential-dynamics-and-impacts-in-the-Atlantic-Provinces.pdf>

Journey to Accreditation of qPCR Assays and deeper understanding of Oyster disease. Funded projects, pearls of progress

Rebecca Liston, RPC

Video: <https://youtu.be/2n1PS2v72uc>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Journey-to-Accreditation-of-qPCR-Assays-and-deeper-understanding-of-Oyster-disease.-Funded-projects-pearls-of-progress.pdf>

Developments in Testing and Analysis of Shellfish Diseases

Jordan Poley, Onda

Video: <https://youtu.be/3uAnjXSVsdM>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Developments-in-Testing-and-Analysis-of-Shellfish-Diseases.pdf>

Oyster MSX Pipeline - A Human-in-the-Loop System for Accelerating MSX Diagnosis in Oyster Histology

Jonathan Zul Luna, UPEI

Video: <https://youtu.be/3QPVVnFMpUM>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Oyster-MSX-Pipeline-A-Human-in-the-Loop-System-for-Accelerating-MSX-Diagnosis-in-Oyster-Histology.pdf>

Oyster Disease Surveillance Program

Aaron Ramsey,

Video: <https://youtu.be/JgD0ZvuWmGM>

PDF: https://www.aquaculturepei.com/wp-content/uploads/2025/11/PEIDFTSC-MSX-Dermo-Surveillance-Updates_10NOV2025.pdf

Q&A Panel – Testing and Diagnostic Services

Video: <https://youtu.be/6Ksg7Xu95QY>

Accelerating the development of MSX-resistant oysters in Eastern Canada

Martin Mallet, Mallet Oysters

Video: <https://youtu.be/GktEc7It3h4>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Accelerating-the-development-of-MSX-resistant-oysters-in-Eastern-Canada-.pdf>

Genomic selection for MSX and Dermo in Eastern oysters

Guy Perry, Bideford Shellfish Hatchery

Video: <https://youtu.be/v9iHHb2wK2o>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Genomic-selection-for-MSX-and-Dermo-in-Eastern-oysters.pdf>

Modelling dermo and chasing MSX tolerance

Ramón Figueira, Professor, Dalhousie University

Video: <https://youtu.be/eyvoI5fZxVU>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Modelling-dermo-and-chasing-MSX-tolerance-.pdf>

Atlantic Aqua Farms' short term and long-term approaches to produce disease resistant seed

Meredith White, Atlantic Aqua Farms

Video: <https://youtu.be/EA5WAAAO6y0>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Atlantic-Aqua-Farms-short-term-and-long-term-approaches-to-produce-disease-resistant-seed.pdf>

Q&A Panel - Broodstock Development & Hatcheries

Video: <https://youtu.be/rfKgk8DkyTA>

The Canadian Atlantic Shellfish Health Network

Therese Wilson, CMAR

Video: https://youtu.be/zx1plwzM_jA

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Canadian-Atlantic-Shellfish-Health-Network.pdf>

Ecosystem effects of MSX

Jeff Clements, DFO

Video: <https://youtu.be/CFaG6IDPPIg>

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Ecosystem-effects-of-MSX.pdf>

Prince Edward Island Aquaculture Division - MSX & Dermo Project Updates

Hannah Sharpe, Shellfish Specialist, PEIDFTSC

Video: <https://youtu.be/WceQMikTclk>

PDF: https://www.aquaculturepei.com/wp-content/uploads/2025/11/PEIDFTSC-MSX-Dermo-Project-Updates_10NOV2025.pdf

Q&A Panel – Research and Projects

Video: <https://youtu.be/Hqe-XcbTYBY>

Review of Priorities developed at 2024 Workshop, what has been achieved, what is still missing?

Peter Warris, PEIAA

PDF: <https://www.aquaculturepei.com/wp-content/uploads/2025/11/Review-2024-MSX-Workshop-Industry-Priorities.pdf>

**Thank you
for funding support for this event**

