Title: Integrated Pest Management Session

Date and time: September 7, 2023 at 10:50 am to 12:30 pm

Presentations: 5 x 15 minutes each (plus 5 minutes each for questions)

Overview:

The salmon aquaculture industry is constantly innovating and identifying new ways to manage sea lice. Once of the central concepts in all farming systems is the Integrated Pest Management (IPM) approach. IPM is defined as a decision-making process for effectively managing pests in an environmentally sound way, integrating both chemical and non-chemical practices for control of pests.

The aim for this session is to highlight current or upcoming practices and strategies against sea lice in salmon farming, which combine chemical, physical and biological tactics. The specific topics that we anticipated covering may include thinks like:

- novel therapeutants or treatment systems,
- functional feeds,
- non-medicinal methods to remove sea lice (such as thermolicers, hydrolicers, flushers or cleanerfish),
- physical lice barriers (like lice skirts, bubble curtains or “snorkel” systems),
- sea lice modeling and management decision making systems
- research in areas like genomics / broodstock selection to produce salmon that are better able to avoid infection by sea lice.

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