

AQUACONNECT:

Innovating Aquaculture through Circularity, Biomass, and Biotechnology

AGENDA 2025

10:00 Locality - Margarida Costa
INNOAQUA - Xavier Ponte Font
IGNITION - Benjamin Costas
Cure4Aqua - Ivona Mladineo
EUAqua - Luca Bargelloni
GRINNAQUA - Benjamin Costas

10:30 Circularity (technical approach)
Land-based IMTA - integration of sole and macroalgae production. - Rui Pereira (INNOAQUA)
Industrial sidestreams as a nutritional source for algae cultivation - Margarida Costa (LOCALITY)

10:55 Applications of biomass
Microalgae based ingredients for food applications - Derek Latil de Ros (INNOAQUA)
Boosting up salmon's mucosal defenses with microalgae - Ana Goncalves (LOCALITY)
Immunomodulatory effects of salicornia ramosissima extracts on atlantic salmon adherent leukocytes: time-dependent functional and transcriptomic responses - Mariana Ferreira (IGNITION)
Transforming Non-Compliant Surimi into Functional Ingredients for Sustainable Foods - Sandra Balsells (INNOAQUA)

11:40 Breeding
Using Single cell sequencing to understand host-pathogen interactions - Alexandra Florea (IGNITION)

11:55 Fish disease detection and diagnostics
New trends in disease diagnostics and their suitability to different sectors of aquaculture - Mikolaj Adamek (Cure4Aqua)

12:10 Disease prevention and treatment
Beyond antibiotics: harnessing phage therapy for sustainable aquaculture - Pantelis Katharios (Cure4Aqua)
How methionine supports fish immunity against viral and parasitic threats - Marina Machado (GRINNAQUA)
Nanoencapsulated antimicrobial peptide: unleashing high efficacy against Gram negatives - Ivona Mladineo (Cure4Aqua)
Bioengineered OMVs for Fish Vaccine Development - Ana do Vale (IGNITION)