



3RD GILL HEALTH INITIATIVE MEETING
GALWAY MAYO INSTITUTE OF TECHNOLOGY

16 – 17 APRIL 2015



NETWORKING INITIATIVE

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DEVELOPMENT FUND**



3rd GILL HEALTH INITIATIVE MEETING

LECTURE ROOM 903

GALWAY MAYO INSTITUTE OF TECHNOLOGY

THURSDAY 16 APRIL 2015

Registration	8.45 – 9.15
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Introduction & Overview (Chair: Neil Ruane)

Welcome and introduction to the Gill Health Initiative

N. Ruane (Marine Institute) & Gordon Ritchie (Marine Harvest) 9.15 – 9.30

AGD research at the University of Tasmania

B. Nowak (Univ. Tasmania) 9.30 – 10.10

The use of field diagnostic qPCR in gill health monitoring

Alan Dykes (Fishguard/Europharma) 10.10 – 10.25

Current research at Skretting

Julia Mullins (Skretting) 10.25 – 10.40

Improving fish health with OceanFeed

Simon Faulkner (Oceanharvest) 10.40 – 10.55

Paramoeba perurans: isolation, phenotypic and genotypic characterisation

Renate Johansen (Pharmaq Analytic) 10.55 – 11.10

Coffee break 11.10 – 11.30

Regional Updates (Chair: Gordon Ritchie)

Gill disease issues in Norway

Anne-Gerd Gjevre (Norwegian Veterinary Institute) 11.30 – 11.45

Gill diseases in Ireland

Mar Marcos Lopez (Vet Aqua International) 11.45 – 12.00





Gill diseases in Scotland

Iain Berrill (SSPO)

12.00 – 12.15

Update from Tasmania

Christine Huynh (Tassal)

12.15 – 12.30

Gill diseases in the Faroe Islands

Anja Kass Olsen (HFS)

12.30 – 12.45

Gill diseases in salmon farming in Spain

Juan Barja (Univ. Santiago de Compostela)

12.45 – 13.00

Lunch

13.00 – 13.45

Research/Treatments (Chair: Mat Cook)

Development of a gill score guide for the salmon industry

Richard Taylor (CSIRO)

13.45 – 14.00

Treating gill diseases with freshwater: water chemistry and considerations in tarpaulins and wellboats

Mark Powell (NIVA)

14.00 – 14.15

Experimental evaluation of hydrogen peroxide as a treatment for AGD

Una McCarthy (Marine Scotland Science)

14.15 – 14.30

Depth distribution of amoeba within a cage and effects of freshwater treatments

Frode Oppedal (Institute of Marine Research)

14.30 – 14.45

From contractile vacuoles to pseudocyst formation: adaptation mechanisms for survival in the marine parasitic amoeba *Paramoeba perurans*.

Paula Lima (CSIRO)

14.45 – 15.00

Results from AGD surveillance in Norway

Vidar Aspehaug (Patogen)

15.00 – 15.15

Coffee break

15.15 – 15.45





After 30 years of AGD and associated R&D, why are we still freshwater bathing?

Mat Cook (CSIRO) 15.45 – 16.25

Open Discussion 16.25 – 17.00

GHI Steering Group meeting 17.00 – 17.30

FRIDAY 17 APRIL 2015

Selective Breeding/Research (Chair: R. Taylor)

Genomic selection for AGD resistance in a pedigree breeding programme
Alastair Hamilton (Hendrix Genetics) 9.00 – 9.20

Genetic parameters for AGD resistance in Atlantic salmon
Marie Lillehammer (NOFIMA) 9.20 – 9.40

Breeding for resistance against AGD
Vibeke Emilsen (AquaGen) 9.40 – 10.00

IPNQTL virus resistant salmon – functional studies of the receptor
Jacob Seilø Torgersen (AquaGen) 10.00 – 10.20

Coffee break 10.20 – 10.45

The *Parafishcontrol* project
James Bron (Stirling Univ.) 10.45 – 10.55

Longitudinal study of AGD on a marine Atlantic salmon farm in Ireland
Jamie Downes (Marine Institute/GMIT) 10.55 – 11.10

Development of new diagnostic assays
Richard Paley (CEFAS) 11.10 – 11.30

Longitudinal study of AGD on three Atlantic salmon farms in Norway
Sigurd Hytterød (Norwegian Veterinary Institute) 11.30 – 11.50



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