

Wageningen, April 27 - May 1, 2025

FISH IMMUNOLOGY WORKSHOP

Preliminary Programme



Sunday April 27th

- Evening registration at Hotel 'WICC'
- Dinner (on own costs of the participants)

Monday April 28^h

Introduction to the fish immune system

- Geert Wiegertjes (Wageningen Univ, NL): Introduction to the workshop
- Steve Bird (Univ Waikato, NZ): Fish cytokines
- Geert Wiegertjes (Wageningen Univ, NL): Fish macrophages
- Pierre Boudinot (INRAE, FR): Fish B lymphocytes
- Maria Forlenza (Roslin Institute, UK/Wageningen Univ, NL): Fish T lymphocytes
- Phil Elks (Sheffield Univ, UK): Actors of inflammation in zebrafish
- Kaylee van Dijk (Wageningen Univ, NL): Cytokines, the case of TNFalpha
- Evening Poster session 1

Tuesday April 29th

Gut mucosal immunity

- Sam Martin (Univ Aberdeen, UK): Gut health and microbiota
- Fotini Kokou (Wageningen Univ, NL): Life history of the gut
- Carla Piazzon (CSIC, ES): Mucosal immunity and antibody tools
- Practicals: Hands-on assays in fish immunology or Gene discovery through synteny (Steve Bird, Univ Waikato, NZ)
- Evening Poster session 2

Wednesday April 30rd

Antiviral responses

- Pierre Boudinot (INRAE, FR): Antiviral interferon
- Bertrand Collet (INRAE, FR): In vitro cell lines for antiviral studies
- Maria Forlenza (WUR): Cytotoxic T cells
- Practicals: Hands-on assays in fish immunology or Transcriptome analysis: general and practical aspects (Sam Martin, Univ Aberdeen, UK)
- workshop closing dinner

Thursday May 1st

Fish vaccination

- Carolina Tafalla (INIA, ES): Immune responses to vaccines and adjuvants
- Julien Resseguier (Univ Oslo, IBV, NO): Mucosal immunity and immune organs
- Mark Goldman (Wageningen Univ, NL): Novel oral vaccination approaches
- Cure4Aqua: Fish vaccination in practise

BACKGROUND

The Wageningen fish immunology / vaccination workshops have been organised annually since 1998. Typically, the workshops are characterised by one-hour presentations given by experienced lecturers, taking time to thoroughly introduce each subject. The workshops have been adopted by the International Society for Developmental and Comparative Immunology (ISDCI). This year's (2025) subject is **FISH IMMUNOLOGY**.

As always, the 23rd - 2025 workshop includes two afternoons with a choice between hands-on practicals, or updates on recent molecular advances in transcriptome and genome analysis. Further, participants are asked to send an abstract of their research plans and to present a poster, with the best one awarded the poster prize. The official workshop language is English.

OBJECTIVES

The objective of the present workshop is to provide participants with advanced knowledge, both theoretical and practical, on the immune system of fish. During the workshop we will discuss the latest insights in the evolution of the immune system and, in particular, immune modulation, host defence against pathogens and vaccination.

TARGET GROUP

The level of the workshop is targeting academic and company researchers as well as management staff in the aquaculture industry. **We more than welcome PhD students, who have a reduced registration fee.**

REGISTRATION

The number of participants is limited to 35 persons, admitted on a 'first-come' basis. ALL-IN registration includes accommodation, meals and registration. Costs are 400 € for accommodation and meals for the whole workshop period (fee based on a shared room, otherwise 600 €) PLUS a registration fee of 450 € (Ph.D. students), 650 € (post-doc, academic staff) or 1200 € (company staff).

Upon registration via our website, WE will make a reservation for your accommodation at the Wageningen International Conference Centre (WICC) where ALL participants and speakers will be staying. This reservation will be made final upon your timely payment of the total costs for accommodation and registration.

Please visit us at: www.wageningenur.nl/afi

ORGANISATION

AQUACULTURE & FISHERIES (AFI)
Wageningen University & Research (WUR)
Geert F. Wiegertjes, Maria Forlenza
P.O. Box 338, 6700 AH Wageningen
The Netherlands, Phone: +31 31748 2732/3307

For questions contact us at fish.workshop@wur.nl

The workshop is supported by:

International Society of Developmental and Comparative Immunology (ISDCI)



And a recognized part of the PhD curriculum of Nord University



OUR PARTNERS

University of Oslo, Oslo, Norway



Consejo Superior de Investigaciones Científicas (CSIC), Castellón, Spain



Centro de Investigación en Sanidad Animal (CISA-INIA), Madrid, Spain



University of Waikato, Department of Biological Sciences, New Zealand



University of Sheffield, Sheffield, United Kingdom



INRAE, Jouy-en-Josas, France



University of Aberdeen, Scottish Fish Immunology Research Centre, SFIRC, Scotland



The Roslin Institute, Scotland

