Wageningen, April 26-30, 2026

FISH IMMUNOLOGY WORKSHOP

Programme

Sunday April 26

- Evening registration at Hotel 'Wander (WICC)'
- Dinner (on own costs of the participants) at restaurant H41

Monday April 27 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
- Phil Elks (Sheffield Univ, UK): Zebrafish neutrophils
- Pierre Boudinot (INRAE, FR): Fish B lymphocytes
- Maria Forlenza (Roslin Inst, UK/Wageningen Univ, NL): Fish T lymphocytes
- Dan MacQueen (Roslin Inst, UK): Single cell genomics for immunologists
- Evening Poster session **1**

Tuesday April 28 Mucosal immunity

- Sam Martin (Univ Aberdeen, UK): Mucosal health and microbiota
- Fotini Kokou (Wageningen Univ, NL): Life history of the gut
- Julien Resseguier (Univ Oslo, NO): Mucosal immunity and immune organs
- Practicals: Hands-on assays in fish immunology – part A (various staff) *or*
- Gene discovery through synteny (Steve Bird, Univ Waikato, NZ)
- Evening Poster session **2**

Wednesday April 29 Host-pathogen interactions

- Carla Piazzon (CSIC, ES): Mucosal immunity and antibody tools in host-parasite research
- Marc Faber (WUR): Host-parasite interactions, the case of PKD
- Bertrand Collet (INRAE, FR): In vitro cell lines for antiviral studies
- Practicals: Hands-on assays in fish immunology – part B (various staff) *or*
- Transcriptome analysis (Sam Martin, Univ Aberdeen, UK)
- workshop closing dinner

Thursday April 30 Immune responses

- Carolina Tafalla (INIA, ES): Immune responses to vaccins and adjuvants
- Mark Goldman (Wageningen Univ, NL): Mucosal vaccination strategies
- Kaylee van Dijk (Wageningen Univ, NL/Roslin Inst, UK): Cytokines, the case of TNFα
- poster prize awards

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 (2026) subject is **FISH IMMUNOLOGY**.

As always, the 24th - 2026 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 700 € for accommodation and meals for the whole workshop period PLUS a registration fee of 450 € (Ph.D. students), 650 € (post-doc, academic staff) or 1200 € (company staff). Only for Ph.D.'s sharing a room the fee for the accommodation and meals are 400 €.

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:
Aquaculture biology and Fisheries ecology | WUR

ORGANISATION

AQUACULTURE BIOLOGY & FISHERIES ECOLOGY (AFI)
Wageningen University & Research (WUR)
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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

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

University of Sheffield, Sheffield, United Kingdom

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

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

University of Waikato, Department of Biological Sciences, New Zealand

INRAE, Jouy-en-Josas, France

The Roslin Institute, Scotland