Sunday 29th April
Evening registration

Monday 30th April  Introduction to the fish immune system
• Introduction to fish cytokines (Steve Bird, Univ Waikato)
• Macrophages and pattern recognition receptors (Geert Wiegertjes, CBI)
• Leukocyte responses during inflammation (Dan Barreda, Univ Alberta)
• Neutrophils of zebrafish (Phil Elks, Univ Sheffield)
• Introduction to fish T cells (Maria Forlenza, CBI)
• Anti-inflammatory cytokines (Carla Piazzon, CSIC)
• Macrophage metabolism (Annelieke Wentzel, CBI)
• TLR signalling in fish (Alex Rebl, FBN)

Evening poster session (i)

Tuesday 1st May  Mucosal immunity
• Mucosal Immunity in zebrafish (Sylvia Brugman, CBI)
• Gut health and microbiota (Sam Martin, SFIRC, Aberdeen)
• Successes and challenges of oral vaccination (Carmen Embregts, CBI)

Practicals in the afternoon
• Cellular assays in innate immunity (technical staff CBI) or
• PC-based practicals on transcriptome information (Sam Martin, SFIRC, Aberdeen, UK)

Evening poster session (ii)

Wednesday 2nd May  Lymphocytes as mediators of acquired immunity
• Fish B lymphocytes (Carolina Tafalla, INIA, Spain)
• Cell-mediated cytotoxicity (Uwe Fischer, FLI)
• B and T cell repertoires (Pierre Boudinot, INRA)

Practicals in the afternoon
• Humoral responses (technical staff CBI) or
• Synteny searches in fish genomes (Steve Bird)

Evening Workshop dinner

Thursday 3rd May  Fish immune stimulation
• CRISPR/Cas9 genome-edited salmonid cells (Bertrand Collet, INRA)
• Beneficial microbes to combat infections of fish (Irene de Bruijn, NIOO)
• Beta glucans as immune modulators (Uules Petit, CBI)
• Fish at the interface of animal, human and environmental health (Dan Barreda, UA)
• Workshop evaluation (Geert Wiegertjes, CBI) and poster prize award
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 Fish and Shellfish Immunology (ISFSI). This year’s (2018) subject is FISH IMMUNOLOGY.

The 19th - 2018 workshop includes two afternoons with a choice between hands-on practicals or updates on recent molecular advances in transcriptome analysis 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.

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 500 €) PLUS a registration fee of 450 € (Ph.D. students), 600 € (post-doc, academic staff) or 750 € (company staff). You pay Value Added Tax (VAT; 21%) over the registration costs only.

Upon registration via our website, WE will make a reservation for your accommodation in the Wageningen International Congress 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/cbi

REGISTRATION

ORGANISATION

WAGENINGEN INSTITUTE OF ANIMAL SCIENCES (WIAS)
Wageningen University & Research
- CELL BIOLOGY & IMMUNOLOGY (CBI)
- AQUACULTURE & FISHERIES (AFI)

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

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And a recognized part of the PhD curriculum of Nord University

OUR PARTNERS

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

University of Waikato, New Zealand

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

Leibniz-Institut für Nutztierbiologie (FBN), Germany

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