

PRELIMINARY PROGRAMME

SUNDAY February 2nd Registration + Dinner

MONDAY February 3rd Introduction to Nutrition

Morning Session:

Current trends and Future challenges in aquaculture nutrition: Brett Glencross (IFFO, UK)
Protein requirements: Luisa Valente (CIIMAR/UP, PT)
Fatty acids requirements: Monica Betancor (Stirling U, UK)

Afternoon Session:

Energy requirements: Johan Schrama (WU, NL)
Mineral requirements: Roel Maas (WU, NL)
Gut function with emphasis on motility: Øystein Sæle (IMR, NO)
Tools in fish nutrition: Stephane Panserat (INRAE, FR)

Evening Poster session I

TUESDAY February 4th Gut Functioning

Morning Session:

Gut physiology and selective barrier function: Kristina Snuttan Sundell (Goth U, SE)
Osmoregulation: Johan Schrama (WU, NL)
Digestive functioning and enzymes: Enric Gisbert (IRTA, ES)
Feed intake regulation: Marit Nederlof (WU, NL)

Afternoon session: Feed formulation/Microbiota Practical

Evening Poster session II

WEDNESDAY February 5th Fish (Gut) Health

Morning Session:

Immunomodulation via fish feed: Geert Wiegertjes (WU, NL)
Using the zebrafish model to understand gut health: Sylvia Brugman (WU, NL)
Functional feeds: Viviane Verlac Trichet (Nord U, NO)
Gut microbiome and fermentation: Fotini Kokou (WU, NL)

Afternoon session: Feed formulation/Microbiota Practical

THURSDAY February 6th

Morning Session: Non-commercial lectures from researchers working in the industry

The antioxidant system of fish: Sebastien Rider (DSM-Firmenich)
Organic acids in aquafeeds: Saravanan Subramanian (Trouw)
Marine Sulphated Polysaccharides: a potential functional additive: Speaker from Olmix
Functional feeds from a feed manufacturers' perspective: Robert Tillner (Aller Aqua)

BACKGROUND

The **Wageningen Fish Nutrition workshop** is organized in February 2025 as the fourth of a series of annual Wageningen workshops on fish nutrition. As part of these workshops, leading experts in the field will give one-hour presentations, taking time to thoroughly introduce each subject. This year's (2025) subject is **Fish Nutrition: Impacts on Gut Functioning and Health**.

The workshop includes two afternoons of hands-on practicals on fish feed formulation and fish microbiota 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 on fish nutrition, focusing on gut physiology and health-related aspects, as well as nutritional impacts on gut functioning. During the workshop we will discuss the latest advances in fish nutrient requirements and sustainable sources, connecting them to fish physiology and health. The use of novel tools in fish nutrition and the implication of microbiota and changes thereof will also be further discussed.

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 40 persons, admitted on a 'first-come' basis. ALL-IN registration includes accommodation, meals and registration. Total costs are 400 € for accommodation and meals for the 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)



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