

Topical Collection

Recent Advances in Fish Nutrition: Insights on the Nutritional Implications of Modern Formulations

Message from the Collection Editors

Dear colleagues, Fish nutrition has been one of the most relevant research areas in aquaculture. The need to re-assess certain nutritional demands and requirements based on modern formulations is becoming more evident. This Special Issue will discuss up-to-date formulations used by the aquafeed industry to maximize production performance, satisfy the nutritional needs beyond the species requirements benefiting animal physiology and welfare, address sustainability standards, and improve the nutritional quality of the final product. The present Special Issue aims to present the latest advances in fish nutrition based on modern formulations which remarkably differ from traditional formulations, focusing on, but not limited to:

- The re-assessment of macronutrient (protein, lipid, and carbohydrate) demands;
- The re-assessment of essential nutrients (amino acids, fatty acids, vitamins, minerals, and others);
- The use of feed additives;
- Novel ingredients including alternative ingredients, complementary ingredients, and blends of ingredients;
- Organic feeds;
- Nutritional quality of the final product.

Collection Editors

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About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

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