

Special Issue

Fish Nutrition, Physiology and Management: Second Edition

Message from the Guest Editor

Optimizing fish nutrition is essential for growth, health, and productivity, especially as aquaculture expands to meet rising seafood demand. This Special Issue focuses on nutrition, physiological studies, and management in fish—the most diverse and ecologically vital vertebrates. Aquaculture not only promotes the consumption of nutritious foods but also benefits from fish as valuable model organisms in biotechnology. Recent advances in morphophysiological research, including omics sciences, reveal links between metabolic pathways and molecular mechanisms crucial for profitable aquaculture. Understanding physiological responses to environmental factors supports strategies to enhance fish welfare and performance. Building on our successful previous edition, this issue invites original research, reviews, and short communications on nutrition, morphology, and management techniques to improve anatomical and physiological knowledge and drive sustainable aquaculture.

Guest Editor

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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.

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