

## Special Issue

# Low-Trophic Organisms and Derived Ingredients in Aquaculture Nutrition

### Message from the Guest Editors

This issue aims to provide a comprehensive platform that brings together novel findings on the production and processing of low-trophic organisms and their derived fractions (e.g., proteins, oils, and bioactive extracts), safety considerations, and practical feeding strategies, while also highlighting environmental and economic implications for this sector. This Special Issue will complement the existing literature by consolidating the rapidly growing, currently fragmented evidence on nutritional strategies that incorporate low-trophic resources in aquafeeds for both fish and shrimp. This Special Issue welcomes the submission of both in vitro and in vivo studies addressing topics including nutrition, immunology, neuroendocrinology, and organoleptic and sensory quality. By integrating ingredient development with physiological and production outcomes, this Special Issue aims to advance evidence-based feeding strategies and highlight the role of low-trophic resources in building resilient, cost-effective, and environmentally sustainable aquaculture systems.

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### Guest Editors

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### Deadline for manuscript submissions

31 December 2026



## Animals

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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.

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### Editor-in-Chief

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