

Special Issue

Functional Feeds to Improve Shrimp and Fish Aquaculture

Message from the Guest Editor

Functional Feeds (FF) development represents a great opportunity to increase the profitability and sustainability of shrimp and fish Aquaculture industries. FF must be capable to increase nutrient assimilation in animals, preventing pathogens outbreaks, and maintaining water quality in aquaculture systems. FF has to be safe to animals and humans, environmentally friendly, and economically attractive, therefore, FF must avoid high levels of fish products in its formulation, but include alternative plant, algae, insect, and animal sub-products ingredients. In addition, fish alternative ingredients must be economical, abundant, digestible, non-toxic, and environmentally friendly and not compete with human foods. In this Special Issue, we encourage researchers working with any fish alternative ingredient (plant, macroalgae, microalgae, insects, animal subproducts, etc.) and probiotic bacteria to present the results and benefits obtained using FF in shrimp and fish production.

Guest Editor

Prof. Dr. Jorge S. Olmos-Soto

Department of Marine Biotechnology, Centro de Investigación Científica y de Educación Superior de Ensenada, Ensenada, Baja California, México

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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

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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

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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