

Special Issue

Aquaculture: Prevention, Control, and Impact of Diseases

Message from the Guest Editors

Increasing demands for food due to population growth and pandemic-induced global food supply disruptions threaten nation food security. Increased seafood production, mainly from aquaculture, will reduce the reliance on wild captures or imports. However, disease outbreaks threaten the future of the aquaculture industry. The key to host–pathogen interactions is the immune system, which defends against infection even in simple animals. Immune responses are plastic, reducing the fitness cost, and the immune system is affected by pathogens, commensal microbiomes, environmental factors, etc. The objective of this Special Issue is to provide an overview of host responses, gut microbiota, and environmental effects in terms of crustacean health and diseases. Topics of interest include but are not limited to work related to comparative immunology, effects of probiotics and prebiotics, nutrition, vaccination strategies, disease control, environmental issues, etc. We look forward to receiving a wide range of articles, including literature reviews, original research papers, and short communications.

Guest Editors

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Deadline for manuscript submissions

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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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