

Special Issue

Strategies and Approaches for Improvement of Aquaculture

Message from the Guest Editors

At present, aquaculture is an extremely important industry worldwide. However, there have many challenges in the aquaculture industry, including disease, immune response, breeding process and physiology problems, which are affected by biological, technical, environmental and economic factors. Therefore, the aquaculture industry has developed a lot of innovation and technology. In this Special Issue, we offer a broad spectrum of reviews and original research contributions in the topic of novel strategies and approaches to improve the quality and value of fish and shellfish in aquaculture, with a particular emphasis on the marine biotechnological dimensions. The scope of this issue includes a control strategy for disease, potential breeding techniques, fish physiology and behavior, multi-omics approaches, and technological advances in big data and artificial intelligence. This Special Issue aims to be useful to the novel and emerging technology in aquaculture to improve the health and quality of aquatic animals and price integration, and thus enhance competitiveness and sustainability.

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Deadline for manuscript submissions

closed (29 July 2022)



Life

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Impact Factor 3.9
CiteScore 7.1
Indexed in PubMed



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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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