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Strategies and Approaches for Improvement of Aquaculture

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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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Special Issue



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Message from the Editor-in-Chief

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