Special Issue

Application of Biological Technologies in Aquatic Animal Genetic Breeding

Message from the Guest Editors

Biotechnologies have been and will be continuously applied in the breeding of aquatic animals in order to improve the important production traits. This Special Issue focuses on the application of biological technologies in aquaculture organisms to explore the regulatory mechanisms and to improve the productive performances of the related production traits, such as growth, fecundity, disease resistance, etc., as well as the development of new breeding techniques, such as sex manipulation, genome modification, etc., or investigation of the traditional/quantitative/molecular genetics in breeding. Gene editing and transgene techniques have proven to be a powerful tool for biological characteristics manipulation and genetic modification, as well as the trait-related regulatory genes discovery. Any research on the utilization of gene editing platforms in improving/exploring such aspects are preferred. In addition, a combination of various biotechnologies to elucidate the mechanisms of the important traits-regulation are welcomed.

Guest Editors

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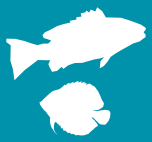

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About the Journal

Message from the Editor-in-Chief

Fishes is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

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