Special Issue

Genetics and Breeding in Aquaculture

Message from the Guest Editor

Aquaculture plays an essential role in addressing the world's increasing food demand. The significance of genetics and breeding in aquaculture is becoming increasingly evident as a result of population development and the depletion of marine resources. The Special Issue “Genetics and Breeding in Aquaculture” highlights the applications of genomics and molecular breeding in aquaculture. Aquaculture has benefited greatly from the extensive application of genomics technologies due to developments in high-throughput sequencing. The focus of the Special Issue is on the use of cutting-edge methods to improve the traits and quality of aquaculture species, such as marker-assisted selection, genome selection, and genome editing. This Special Issue is seeking papers that address the latest developments of genetics and breeding in aquaculture, as well as how these insights might be applied to encourage the advancement of the modern aquaculture industry.

Guest Editor

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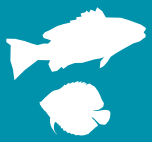

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About the Journal

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

Prof. Dr. Maria Angeles Esteban
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