Special Issue

Transcriptomics in Aquaculture: Current Status and Applications

Message from the Guest Editors

Transcriptome sequencing based on next-generation sequencing (NGS) has brought novel insights into our understanding of cell RNA expression from a global view. Transcriptome research has focused on various aquaculture research areas, targeting different aspects, including physiology and endocrinology, genetic breeding, nutrition, environmental stress response, disease, and health management. Notably, RNA sequencing technologies are an efficient approach for discovering novel and essential genes in an unbiased manner, which offers momentous potential for improving commercially important production traits in aquatic species. In this regard, this Special Issue focuses on the latest advances in the study of transcriptomes in aquaculture species via NGS-based technologies. The scope of this Special Issue of *Fishes* covers a wide range of studies aimed at exploring various aspects of transcriptomics in aquaculture using NGS methods. Submissions may include original reports, reviews, perspectives, and methodology articles.

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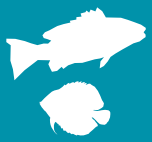

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About the Journal

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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