Special Issue

Omics Analysis in Marine Invertebrate Biology

Message from the Guest Editors

The application of genomics, transcriptomics, proteomics, and metabolomics—or omics analyses—across diverse fields has increased rapidly in recent decades. These technologies are increasingly applied to non-model organisms, such as marine invertebrates, to understand molecular mechanisms behind observed phenotypes. The knowledge gained from these studies depends upon rigorous attention to quality across the stages of experimental planning, execution, sample preparation, analysis, and interpretation. We solicit papers that apply omics techniques to expand our knowledge of life history, adaptations, phenotypic plasticity, and projected responses to climate change across diverse marine invertebrate tax. We are especially interested in studies that integrate across biological hierarchy and/or convey the potential and weaknesses of the omics technique applied through careful data analysis and interpretation.

Guest Editors

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Deadline for manuscript submissions

closed (16 October 2023)

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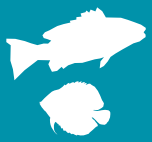

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About the Journal

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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