

Special Issue

Bioprospecting for Marine Organisms: From Genes to Compounds

Message from the Guest Editors

The marine realm is a rich source of secondary metabolites with different biological properties. In the vast and highly diversified marine environment, marine organisms have developed various survival strategies, leading to the production of a range of innovative molecules with high biotechnological impacts. Bioprospecting of marine organisms is an area of growing interest in facilitating the discovery of bioactive metabolites relevant for human applications (e.g., for the pharmaceutical, nutraceutical, and cosmeceutical sectors). New advances in the field are also given by -omics approaches, such as genome and transcriptome mining, that allow the study of the enzymatic pathways involved in the production of bioactive compounds and their activation. The aim of this Special Issue is to collect high-quality papers, including reviews and articles, related to up-to-date findings in marine organism bioprospecting.

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

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