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Bioactive Compounds from Marine Angiosperms

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submissions:

closed (30 September 2022)

Message from the Guest Editor

Dear Colleagues,

Angiosperms are an important part of the marine ecosystem, including underwater flowering plants and also emergent and subemergent macrophytes that live in marine environments. They are an outstanding reservoir of structurally diverse bioactive compounds with potential use as food additives, nutraceuticals, and drugs. This issue aims to highlight different aspects of bioactive compounds found in aquatic plants living in sea environments, such as seagrasses and mangroves. Specifically, we are interested in new research identifying the chemical structure, bioactivity evaluation, and source and biosynthetic pathways of bioactive compounds. Additionally, considering recent advances in the application of the coupling of chromatographic and spectroscopic techniques for the analysis of extracts, as Guest Editor, I encourage the submission of research papers describing the phytochemical analysis based on chemical dereplication, finger-printing, metabolomic studies, and molecular networking. Comprehensive review papers that synthesize current knowledge on bioactive compounds and their applications from marine angiosperms are also welcome.



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Special Issue



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Message from the Editor-in-Chief

During the past few decades there has been an ever increasing number of novel compounds discovered in the marine environment. This is exemplified by the robust preclinical and clinical pipeline that currently exists for marine natural products. *Marine Drugs* is inviting contributions on new advances in marine biotechnology, pharmacology, chemical ecology, synthetic biology, and genomics approaches related to the discovery of therapeutically relevant marine natural products. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

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