Special Issue

Marine Drugs in Cell Signaling Pathways

Message from the Guest Editors

Marine organisms are a source of secondary metabolites capable of producing a myriad of biofunctional effects. The previous literature has covered the antioxidant, antifungal, anti-inflammatory, and antitumor potential of compounds from vivid algal species and other marine organisms. Marine organisms manage to prevail without any serious damage even under harsh and dynamic environmental conditions, with facts hinting at the possession of protective compounds, many of which have indicated potential bioactivities. Over the last decade, the large-scale screening and identification of novel bioactive compounds of seaweed have been conducted, owing to an increased demand. Purified bioactive secondary metabolites from marine natural resources have the potential to provide therapeutic effects in this regard by activating or inhibiting signaling pathways or by regulating gene expression. Altogether, this Special Issue targets insights into the mediation of multiple disorders through the sustainable use of secondary metabolites from abundant marine natural sources.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2023)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/117135

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mdpi.com/journal/marinedrugs

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About the Journal

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.

Editor-in-Chief

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