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Marine Lipids 2023

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Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

Lipids are key structural and functional biomolecules in marine organisms. Lipids will be paramount in the biological processes of acclimation and adaptation to ongoing environmental shifts impacting all marine lifeforms, from microscopic organisms to megafauna. The unparalleled array of analytical tools currently available to researchers makes it possible to gain in-depth knowledge on marine lipidomes that can shed light on the chemo-diversity, metabolic pathways, and function of these biomolecules. The biodiscovery and functional understanding of marine lipids is still in its infancy, and new lipids are reported every year from marine organisms, particularly from extreme habitats, along with their biotechnological value for their nutritional, cosmeceutical, therapeutical, and other high-end applications.

This Special Issue, Marine Lipids 2023, will cover lipid-related topics from marine organisms, namely those using lipidomics and addressing new value-added products and processes associated with the biodiscovery, profiling, extraction, production, and use of these remarkable biomolecules.

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Guest Editors



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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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