Special Issue

Applications of Lipids from Marine Sources

Message from the Guest Editors

Marine environments harbor a rich diversity of life systems, including microorganisms, algae, invertebrates and fish, which are an untapped reservoir of bioactive compounds. The diversity of chemical structures found in these organisms has aroused great interest in various fields of research and biotechnology, such as medicine, pharmacology and cosmetic. Bioactive lipids present in marine sources are known for their potential benefits on human health and nutrition, which can be explored for the development of new product with different applications, such as functional foods, feeds and nutraceuticals, as well as in the cosmetic and pharmaceutical sectors. Recent advances in emerging omics approaches such as lipidomics have contributed to gathering more accurate lipid profiling information for understanding their biological roles and bioprospecting for biotechnological applications. This Special Issue invites articles covering lipid profiling with a focus in lipidomics as a tool for the discovery and characterization of marine lipids for potential applications in blue biotechnology and bioeconomy.

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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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