

Special Issue

Algal Chemicals: Processing, Purification, Function and Modification

Message from the Guest Editors

Algae, as the most abundant green renewable resource on Earth, have garnered significant attention from scientists worldwide due to their potential for high-value development and utilization and serve as prolific producers of bioactive chemicals with numerous beneficial properties. Thus, they possess substantial value for development and utilization in healthy food products, biomedical applications, and the cosmetics industries. This Special Issue seeks an updated knowledge base, focusing on novel bioactive chemicals in algal molecular nutrition and the application of molecular biology techniques to algae. Aiming at the key problems of unstable structure, unclear functional activity, and low development and availability of algae bioactive components, the mechanism of processing technology on the stability of active chemical structure and the improvement of availability were explored to clarify the functional activity. To better utilize algae as bioactive chemicals, it is necessary to explore the key technical functions and molecular nutritional properties of these substances.

Guest Editors

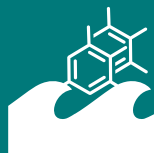
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Deadline for manuscript submissions

closed (30 June 2024)



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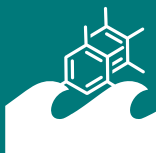


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About the Journal

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

Prof. Dr. Bill J. Baker

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