Special Issue

Novel Applications and Technologies for the Industrial Exploitation of Algal Derived Marine Bioactives as Nutraceuticals or Pharmaceuticals

Message from the Guest Editors

Active molecules or bioactives (i.e. polysaccharides, fatty acids, proteins, polyphenols, diterpenes, steroids and alkaloids) from algae (seaweed and microalgae) have been widely studied in recent years for multiple pharmaceutical and nutraceutical applications. Innovative and emerging technologies including but not limited to ultrasounds, microwaves, electric fields, high-pressure, supercritical fluids, ionic fluids and plasma are currently being explored throughout multiple stages during the pre-treatment, extraction, isolation/purification and preservation of biomolecules from algae. This Special Issue will target research papers, reviews, short communications, and perspectives on the use of novel technologies for the pre-treatment, extraction, isolation-purification, characterization and preservation of marine compounds from algae giving also preference to novel research related to algal bioactives with clear and demonstrated industrial applications and focus.

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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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