

Special Issue

Marine Algal Chemical Ecology

Message from the Guest Editor

Marine algae live in the coastal waters of the seas and oceans and produce a wide variety of unique compounds that can be used to create different products with beneficial properties. Today, marine algae are considered a source of dietary protein, as well as a basis for biofuel production. This Special Issue will focus on highlighting the relationship between chemical contaminants and seaweed metabolites, including industry-relevant pharmaceutical, nutraceutical and cosmetic ingredients (hydrocolloids, polyphenols, proteins, lipids, etc.). Studies of the mechanisms of the toxic effect of pollutants in the composition of fractions of polysaccharides, polyphenols, proteins, and lipids of marine algae are welcome. For this Special Issue, we invite academic and industry scientists to submit reviews and original and conceptual research papers highlighting the chemical ecology of wild and farmed marine algae in the world ocean

Guest Editor

Dr. Ekaterina Dmitrievna Obluchinskaya

Murmansk Marine Biological Institute of the Russian Academy of Sciences, Russia

Deadline for manuscript submissions

closed (1 March 2024)



Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed



mdpi.com/si/181242

Marine Drugs
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
marinedrugs@mdpi.com

[mdpi.com/journal/
marinedrugs](https://mdpi.com/journal/marinedrugs)





Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed



[mdpi.com/journal/
marinedrugs](https://mdpi.com/journal/marinedrugs)



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

Department of Chemistry, University of South Florida, 4202 E. Fowler Ave., CHE 205, Tampa, FL 33620-5250, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmacology, Toxicology and Pharmaceutics (miscellaneous))