Special Issue

Bioactive Products from Marine Cyanobacteria and Their Potential Therapeutic Applications

Message from the Guest Editor

Cyanobacteria have an old marine history, stretching back almost three billion years. They are widely distributed in the marine ecosystem, from brackish estuaries to coasts and offshore. Due to their extraordinary abundance in the marine environment, they have attracted the attention of many research groups worldwide as a highly potential source of new pharmaceutically active compounds, having vast structural diversity and relevant biological activities such as anticancer, anti-inflammatory, antibacterial, antifungal, antiviral, antioxidant, and enzyme inhibitory activity. For this Special Issue, we look forward to receiving contributions from researchers in the form of original research or review articles, giving new aspects and findings as well as future perspectives on marine cyanobacterial bioactive products and their therapeutic applications potential. Therefore, this Special Issue will cover the scope of isolation, chemical structure characterization, biological activities, mechanisms of action, and potential pharmaceutical applications of natural products derived from various species of marine cyanobacteria.

Guest Editor

Dr. Noureddine Bouaïcha

Laboratoire Écologie, Systématique, Évolution, Univ. Paris-Sud, CNRS, AgroParisTech, Université Paris-Saclay, Bât. 362, rue du Doyen André Guinier, 91405 Orsay CEDEX, France

Deadline for manuscript submissions

closed (31 December 2021)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.6
Indexed in PubMed

mdpi.com/si/63637

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

mdpi.com/journal/marinedrugs

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.6
Indexed in PubMed

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))

MDPI