

Topical Collection

New Approaches to Study Marine Microbiome

Message from the Collection Editors

The marine microbiome consists of various microorganisms in the ocean and any related environment, including seabed soils, sea sediments, and marine organisms (e.g., animals and plants). Molecules produced by marine microorganisms are considered to play various roles in marine ecosystems by affecting each other or other organisms. To better understand how these molecules are involved in marine communities, it is necessary to conduct more research. In this Special Issue, we will focus on the following topics: 1) molecular profiling of microorganisms, 2) exploration of unique or unusual molecules, 3) molecular interactions between organisms in marine communities, 4) new techniques for the isolation and culture of microorganisms, and 5) new tools to organize and analyze data on microorganisms and their molecules. For this Special Issue, I encourage researchers to submit their latest findings related to the above-mentioned topics. I expect that this Special Issue will contribute to promoting important advances in marine biotechnology and marine drugs discovery.

Collection Editors

Dr. Nobuhiro Koyama

Microbial Chemistry and Medicinal Research Laboratories, Graduate School of Pharmaceutical Sciences, Kitasato University, 5-9-1 Shirokane, Minato-ku, Tokyo 108-8641, Japan

Dr. Paul D. Boudreau

Department of BioMolecular Sciences, School of Pharmacy, University of Mississippi, Oxford, United States



Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed



mdpi.com/si/50997

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))