Special Issue

Marine Immunomodulators

Message from the Guest Editor

The marine system offers an ecological resource comprising a variety of aquatic plants and animals. Therefore, the marine environment represents countless and diverse resources for new drugs to combat major diseases such as cancer or malaria and a source of molecules that is able to “drive” the mammalian immunity system, i.e., immunodulators. Indeed, the aquatic organisms have to be screened for antibacterial, immunomodulator, anti-fungal, anti-inflammatory, anticancer, antimicrobial, neuroprotective, analgesic, and antimalarial properties. This potential is immense, and these molecules can be used as new drugs for several different purposes. The aim of this special issue is to collect as many papers as possible on molecules deriving from marine organisms that have immunomodulatory activity, i.e., are able to modulate innate or adaptative mammalian immune responses. Amplifying such an interesting and astounding area of natural products research has also the secondary aim of getting a clearer idea of the priority of the drugs that are to be developed and possible new drug candidates of a marine origin.

Guest Editor

Prof. Dr. Alba Silipo

Department of Chemical Sciences, University of Napoli Federico II, Complesso Universitario Monte S. Angelo, Via Cintia 4, I-80126 Napoli, Italy

Deadline for manuscript submissions

closed (31 December 2019)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/14938

Marine Drugs
Editorial Office
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 5.4
CiteScore 10.1
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