Special Issue

Proteomic Studies for the Characterization of the Biological Targets of Marine Bioactive Molecules

Message from the Guest Editor

The marine environment makes up to 71% of the Earth surface and is a rich source of bioactive compounds and natural medicines. Marine bioactive molecules are important in relation to drug discovery, specifically if characterized with antitumor, anti-inflammatory, antiviral, and other pharmacological activities. The potential for marine natural bio-products to be used as new drugs is still in relatively new stages of the development. The focus of this special issue is to provide updates about recent proteomics studies using marine organisms as a source of bioactive molecules and new technologies applied. The huge potential of modern next-generation high-throughput sequencing technologies in the combination with liquid chromatography–mass spectrometry, are currently advancing our understanding of protein function and genetics.

I invite researchers from different disciplines including chemistry, medical science, nanotechnology, biotechnology, biochemistiries and other fields to consider making contribition to this Special Issue.

Guest Editor

Dr. Nedeljka Rosic

1. School of Health and Human Sciences, Southern Cross University, Gold Coast, QLD 4225, Australia
2. Marine Ecology Research Centre, Southern Cross University, Military Rd., East Lismore, NSW 2480, Australia

Deadline for manuscript submissions

closed (31 March 2021)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/37564

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