

Special Issue

Enzyme Inhibitors from Marine Resources

Message from the Guest Editors

Marine living organisms and their main and secondary compounds and metabolites are among the richest in biological diversity. Given that enzymes are essential in the plethora of biological functions of these organisms, enzyme inhibitors are also involved in the control of these functions, as well as in many diseases and attack-defence processes. Research on the natural inhibitors found in marine organisms is, therefore, of great interest nowadays in a myriad of research perspectives. The present Special Issue intends to collect novel research on non-peptide or peptide/protein inhibitors, or derived forms. We wish to document their behaviour in normal, diseased, and perturbed (i.e., extreme or stressed) conditions, as well as in attack-defence states and the interrelationships among organisms. Related research on organisms from large vertebrates and algae to small invertebrates and microorganisms is encouraged. Additionally, studies on the potential value of such molecules for biological, biotechnological, and pharmaceutical/biomedical uses. Reviews on successes and central issues will also be acknowledged.

Guest Editors

Prof. Dr. Francesc Xavier Avilés

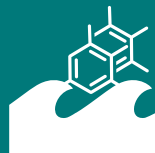
Institute for Biotechnology and Biomedicine, Universitat Autònoma de Barcelona, Campus Universitari, Bellaterra, Cerdanyola del Vallès, 08193 Barcelona, Spain

Prof. Dr. Isel Pascual Alonso

Centre for Protein Studies, Faculty of Biology, University of Havana, Cuba, calle 25, N° 455 (Vedado), La Habana, Cuba

Deadline for manuscript submissions

closed (29 February 2024)



Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.6
Indexed in PubMed



mdpi.com/si/100338

Marine Drugs
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 4.9
CiteScore 9.6
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))