

an Open Access Journal by MDPI

## Pharmacological Activity and Biomedical Potential of Marine Antitumor Agents

Guest Editors:

**Prof. Dr. Jane E. Ishmael**

Department of Pharmaceutical Sciences, College of Pharmacy, Oregon State University, 1601 SW Jefferson Avenue, Corvallis, OR, 97331, USA

**Prof. Dr. Valery Dembitsky**

Centre for Applied Research, Innovation and Entrepreneurship, Lethbridge College, 3000 College Drive South, Lethbridge, AB T1K 1L6, Canada

Deadline for manuscript submissions:

**closed (31 August 2022)**

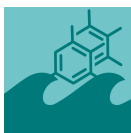
### Message from the Guest Editors

Marine flora and fauna, including bacteria, cyanobacteria, fungi, microalgae, algae, sponges, coelenterates, mollusks, echinoderms, and tunicates (ascidians), are extremely important ocean resources, accounting for over 90% of ocean biomass. These marine organisms also represent a rich source of diverse natural products with the potential to reveal new mechanisms of cell signaling and inspire anticancer drug development. Through collaborative and interdisciplinary approaches, several chemical structures of marine origin have progressed from discovery and structure elucidation to validation and final approval for use as therapeutic agents. In this Special Issue, entitled “Pharmacological Activity and Biomedical Potential of Marine Antitumor Agents”, we will provide researchers with a platform for publishing basic chemical, pharmacological, and biomedical research relevant to the study of primary tumors or metastatic disease. We welcome contributions from scientists around the world with an emphasis on preclinical evaluation of new and known compounds.



[mdpi.com/si/63626](https://mdpi.com/si/63626)

# Special Issue



an Open Access Journal by MDPI

## 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

## 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.

## 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))

## Contact Us

---

*Marine Drugs* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/marinedrugs](http://mdpi.com/journal/marinedrugs)  
[marinedrugs@mdpi.com](mailto:marinedrugs@mdpi.com)  
[X@Marine\\_Drugs](#)