

## Special Issue

# Structural Techniques in Natural Products Drug Discovery

### Message from the Guest Editors

Over the past decade, profound advancements in analytical technology and methods for the characterization of natural products have enhanced our ability to identify novel metabolites, rapidly define molecular structures, and determine relative and absolute configurations. Many of these new methods rely heavily on the integration of computational methods with interpretation of experimental data. This Special Issue will illustrate contemporary applications of NMR, metabolomics, metagenomics, electronic circular dichroism (ECD) and vibrational circular dichroism (VCD) in the field of natural products, and how they are increasingly unified with advances in modeling and statistical approaches.

---

### Guest Editors

Prof. Dr. John B. MacMillan

UT Southwestern Medical Center, Dallas, TX 75390-9038, USA

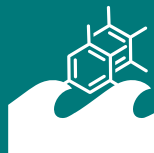
Prof. Dr. Tadeusz F. Molinski

Department of Chemistry and Biochemistry and Skaggs School of Pharmacy and Pharmaceutical Sciences, University of California, San Diego, 9500 Gilman Drive, MC 0358 La Jolla, CA 92093-0358, USA

---

### Deadline for manuscript submissions

closed (31 December 2016)



## Marine Drugs

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.4  
CiteScore 10.1  
Indexed in PubMed



[mdpi.com/si/6133](http://mdpi.com/si/6133)

*Marine Drugs*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[marinedrugs@mdpi.com](mailto:marinedrugs@mdpi.com)

[mdpi.com/journal/  
marinedrugs](http://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))