



## Bioactive Compounds from Coral Reef Organisms 2021

Guest Editor:

**Dr. Jean-Baptiste Raina**

University of Technology Sydney,  
Sydney, Australia

Deadline for manuscript  
submissions:

**closed (20 August 2021)**

### Message from the Guest Editor

The biodiversity of coral reefs is unmatched in the marine environment. Whilst they cover a minute portion of the seafloor, they harbour approximately one-third of all marine species. Current research has revealed that coral reef invertebrates and their associated microorganisms can produce a high diversity of secondary metabolites. Many of these compounds are novel and exhibit strong biological activity with properties such as antifouling, antipredation, antimicrobial, or antioxidant.

This Special Issue aims to provide a platform for researchers to publish their latest research on substances derived from species inhabiting coral reefs. We are specifically interested in new research identifying the chemical structure, activity, source and biosynthetic pathways of bioactive compounds. Additionally, given the many threats that coral reefs are facing worldwide, it will be critical to identify alternative methods of production for compounds with biotechnological potential. Comprehensive review papers that synthesise current knowledge on bioactive compounds in coral reefs are also welcome.





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 & 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