



an Open Access Journal by MDPI

## Synthesis of Marine-Derived Compounds

Guest Editor:

### Dr. Lyndon West

Department of Chemistry and  
Biochemistry, Florida Atlantic  
University, Boca Raton, FL 33431,  
USA

Deadline for manuscript  
submissions:

**closed (15 October 2018)**

### Message from the Guest Editor

Dear Colleagues,

The chemical complexity and diverse biological activities of marine natural products have been a source of inspiration, and the challenge of mimicking distinctive three-dimensional structures presents unique research opportunities that push the boundaries of organic chemistry. Natural Product synthesis, both total and partial (semi-synthesis), provides the confirmation of structure, allows the ability to carry-out structure–activity relationship (SAR) studies, lead optimization, together with providing a potential solution to the supply issue that has curtailed the development of many marine natural products. The aim of this Special Issue is to highlight the chemical and biological discoveries resulting from the total synthesis or semi-synthesis of marine-derived natural products. As the Guest Editor, I invite scientists in the fields of chemistry, biochemistry, pharmacology, and toxicology to submit review papers or original articles where synthesis has contributed to the field of marine natural products drug discovery.



[mdpi.com/si/9677](https://mdpi.com/si/9677)

# 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](#)