



an Open Access Journal by MDPI

## Innovative Extraction Technology Aiming the Screening and Discovery of Bio-Active Marine Compounds

Guest Editors:

### Dr. Paz Otero

Department of Analytical and Food Chemistry, Faculty of Food Science and Technology, University of Vigo, Ourense Campus, 32004 Ourense, Spain

### Dr. Marisa Silva

1. MARE-Marine and Environmental Sciences Centre, University of Lisbon, Lisbon, Portugal  
2. Department of Plant Biology, Faculty of Sciences of the University of Lisbon, Campo Grande 1749-016 Lisbon, Portugal

Deadline for manuscript submissions:

**closed (21 May 2021)**

### Message from the Guest Editors

Dear Colleagues,

The Marine environment is a prolific source of potentially high-quality molecules that represent useful leads in the development of new nutraceutical agents. This Special Issue will cover all methodologies used in the search of marine natural products: screening of marine biota, isolation of high value molecules with pharmacological and food potential, discovery of new molecules, and the optimization of extraction procedures of these molecules, such as supercritical fluid extraction, pressurized solvent extraction, microwave-assisted extraction, enzyme-assisted extraction, and other alternative techniques applied in the exploration for marine compounds.

Dr. Paz Otero

Dr. Marisa Silva

*Guest Editors*



[mdpi.com/si/41718](https://mdpi.com/si/41718)

# 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, Grosspeteranlage 5  
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](#)