



an Open Access Journal by MDPI

# **Marine Biotoxins 3.0**

Guest Editor:

### Prof. Dr. Jordi Molgó

CEA, INRAE, Institut des Sciences du Vivant Frédéric Joliot, Département Médicaments et Technologies pour la Santé (DMTS), Equipe Mixte de Recherche CNRS n° 9004, Service d'Ingénierie Moléculaire pour la Santé (SIMoS), Université Paris-Saclay, Bâtiment 152, rue de la Biologie, Point courrier 24, F-91191 Gif sur Yvette, France

Deadline for manuscript submissions: **30 June 2024** 

### Message from the Guest Editor

In this new Special Issue of "Marine Biotoxins 3.0", we welcome manuscripts dealing with microorganisms involved in the production of marine biotoxins (bacteria, cyanobacteria, dinoflagellates, diatoms, and fungi), the environmental factors favoring their proliferation, and their vectorial transfer through the marine food web. The transfer of marine biotoxins to invertebrates, fish, birds, and marine mammals constitutes a menace for wildlife. Some marine biotoxins definitely constitute a threat for human consumers of contaminated shellfish and fish, and regulatory limits need to be evaluated and discussed in order to set risk factors. Most marine biotoxins belong to different families of organic molecules, with diverse and rich chemical structures, and new biotoxins are described every year. The better we know the cellular and molecular target(s), signaling pathways and mechanism(s) used by marine biotoxins to exert their toxic activities, the more possibilities we will have to find putative antagonists or effective countermeasures



**Special**sue





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 mdpi.com/journal/marinedrugs marinedrugs@mdpi.com X@Marine\_Drugs