

Special Issue

A 'One-Health Focus' on Natural Marine Toxins

Message from the Guest Editors

Marine biotoxins, also referred to as phycotoxins, are derived from natural phenomena. One prominent manifestation of such natural occurrences is the harmful algal blooms (HABs). HABs are characterized by the massive proliferation of phytoplankton within marine ecosystems. The incidence of HABs episodes has been on the rise, primarily driven by environmental and climatic conditions, as well as eutrophication. These natural toxins are produced by unicellular microalgae. Through the food chain, they bio-accumulate in various aquatic species, including bivalves, xanthid crabs, and pufferfish. Depending on the amount ingested, these toxins can pose a potential toxicity risk to humans. For this Special Issue, we invite academic and industry scientists to submit reviews and original and conceptual research articles highlighting the research of the influence mechanism of the biological interactions between bivalves and algae on the formation process of marine biotoxin risks.

Guest Editors

Prof. Dr. Zhijun Tan

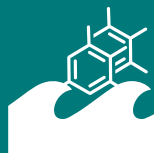
Key Laboratory of Testing and Evaluation for Aquatic Product Safety and Quality, Ministry of Agriculture and Rural Affairs, Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences, Qingdao 266071, China

Dr. Jixing Peng

Key Laboratory of Testing and Evaluation for Aquatic Product Safety and Quality, Ministry of Agriculture and Rural Affairs, Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences, Qingdao 266071, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
marinedrugs@mdpi.com

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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

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