Special Issue

Bioactive Compounds from Marine Bivalves and Associated Micro-Organisms

Message from the Guest Editor

This Special Issue of *Marine Drugs* is dedicated to innovative and original research on bioactive compounds originating from marine bivalves and associated micro-organisms. We consider bioactive compounds as a general term for a class of substances capable of modulating metabolic processes and resulting in the promotion of better health. They exhibit beneficial effects or therapeutic potential, such as promoting antioxidant activity, influencing energy intake, inhibiting receptor activities, and inhibiting or inducting gene expression and enzymes. This issue will be the first Special Issue to complement the existing literature in marine bivalves, which have been recognized to produce a variety of bioactive compounds and which represent a seafood whose popularity has increased steadily over the past few decades. All sources and species will be included, i.e., traditionally farmed, fished, and the non-exploited ones representing more than 9000 species. Furthermore, the bioactive compounds (peptides, lipids, pigments and others) by the micro-organisms ingested as a food source (planktonic species) and their microbionts will be included in this Special Issue.

Guest Editor

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About the Journal

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

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