Special Issue

Bioactive Marine Natural Compounds with Heterocyclic Motifs in their Structure

Message from the Guest Editor

Natural marine compounds have interesting and diverse biological profiles, including bioactive properties, such as anti-tumor, anti-microtubule, anti-proliferative, anti-hypertensive, anti-inflammatory, anti-virus, anti-fungal, cytotoxic, and antibiotic activity. Heterocyclic motives are present in the structures of a large number of small molecules that constitute the active principle of our pharmaceutic arsenal. Many of these compounds are naturally occurring. This Special Issue will be focused on marine compounds that are potentially useful as *lead compounds* for the development of new drugs or biological tools. As the , I invite scientists to present their recent advances in the isolation, structural elucidation, biological activity evaluation and total synthesis of marine natural compounds possessing one or more heterocycle in the structure. The synthesis of analogues to improve the bioactivity, as well as the data of biological activity and mechanisms of action will be considered.

Guest Editor

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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

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