Special Issue

Application of Marine Alkaloids and Related Analogues

Message from the Guest Editor

The marine environment is an inestimable source of novel chemical entities that have shown potential as bioactive drugs. In fact, many marine-derived molecules, with their wide range of biological activities, find different applications as antitumor, anti-inflammatory, antibacterial, and antiviral agents. In particular, marine alkaloids represent a very promising class of compounds, due to their potent activities and their extensive structural heterogeneity. The success obtained so far, which is based on a very limited investigation of both deep-sea organisms and marine microorganisms, suggests a high potential for the further discovery of new alkaloid drugs. This Special Issue, dedicated to the "The Application of Marine Alkaloids and Related Analogues", aims to present an updated overview and to emphasize the importance of the study of marine-derived alkaloids, reporting new results about their isolation, structural characterization, chemical synthesis, biological and pharmacological evaluation. As , we invite scientists in the fields of chemistry, biochemistry, pharmacology, and toxicology to submit articles on their most recent work.

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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