Special Issue

Marine Natural Products that Target Enzymatic Pathway

Message from the Guest Editor

Many marine organisms have evolved over the years to be able to produce a variety of bioactive substances to help them survive through chemical-mediated mechanisms. Due to their novelty to researchers, many of these molecules have shown a wide variety of hitherto unknown activities and enzymatic targets. As a consequence, marine natural products hold great promise for the development of new drugs, or may serve as highly valuable pharmacological tools for assigning functions to the enzymes involved in intricate biochemical routes. These applications are of great interest, since living organisms possess a huge number of uncharacterized enzymes. Molecules such as okadaic acid or cyclotheonamides are well-known successful examples. The aim of this *Marine Drugs* Special Issue is to assemble contributions focused on finding new molecules from marine natural sources, elucidating their structure and synthesis/biosynthesis routes, as well as their potential use to delineate biochemical and cellular functions of enzymes. Review articles must include peer-reviewed literature from at least the last five years.

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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