Special Issue

Synthesis of Marine-Derived Compounds

Message from the Guest Editor

The chemical complexity and diverse biological activities of marine natural products have been a source of inspiration, and the challenge of mimicking distinctive three-dimensional structures presents unique research opportunities that push the boundaries of organic chemistry. Natural Product synthesis, both total and partial (semi-synthesis), provides the confirmation of structure, allows the ability to carry-out structure–activity relationship (SAR) studies, lead optimization, together with providing a potential solution to the supply issue that has curtailed the development of many marine natural products. The aim of this Special Issue is to highlight the chemical and biological discoveries resulting from the total synthesis or semi-synthesis of marine-derived natural products. As the , I invite scientists in the fields of chemistry, biochemistry, pharmacology, and toxicology to submit review papers or original articles where synthesis has contributed to the field of marine natural products drug discovery.

Guest Editor

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Deadline for manuscript submissions

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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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