Special Issue

Synthesis of Marine Natural Products and Molecules Inspired by Marine Substances

Message from the Guest Editor

Marine natural products are characterized by high chemical diversity, biochemical specificity and other molecular properties that make them favorable as lead structures for drug discovery. In this field, one of the main problems is often the reduced natural availability of the isolated substances, which can complicate both the structural characterization and possible future developments. For these reasons, the study of bioactive marine metabolites should rely on the development of chemical synthesis and synthetic strategies aimed at preparation of pure compounds and analogs both for structural confirmation and/or for the large-scale preparation necessary for future applications. Moreover, natural products can be a crucial starting point for the preparation of molecules structurally inspired by the latter, opening the way to new classes of biologically active compounds with pharmacological potential.This Special Issue aims to collect original research articles regarding synthetic strategies for secondary marine metabolites and/or analogs that can favor applications of these molecules and/or can solve structural challenges common in the field of natural substances.

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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