Special Issue

Bioactive Polyketides from Marine Resources

Message from the Guest Editor

Marine organisms from unique habitats are a prolific source of compounds characterized by novel chemical structures and remarkable biological activities. Polyketides, one of the major classes of marine natural products, represent a highly diverse group of natural products possessing structurally intriguing carbon skeletons that comprise polyphenols, macrolides, polyenes, enediynes, and polyethers. Particularly, polyketides exhibit significant biological activities, mainly as antitumor, antibiotics, antiparasitics, immunosuppressants, and cholesterol-lowering agents. This Special Issue focuses on bioactive polyketides derived from marine organisms, especially from marine microorganisms, offering researchers the opportunity to publish original work on various topics including, but not limited to, the following: isolation, structure elucidation, and bioactivity of polyketides from marine resources, and design, synthesis, modification, and structure–activity relationship of polyketides.

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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