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Coral and Coral-Associated Microorganisms: Source of New Anti-inflammatory Compounds

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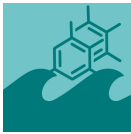
Message from the Guest Editors

Inflammation is a very complex combination of physiological and pathological responses. Inflammation helps the immune system defend against microbial infection, but overwhelming inflammatory responses damage cells and tissues, resulting in acute and chronic inflammatory diseases as well as autoimmune disorders. Therefore, the tight regulation of inflammatory responses is a very important issue for human health. Marine natural products have diverse chemical structures that provide novel sources for developing anti-inflammatory drugs. Over the last few decades, there have been significant advances in characterizing anti-inflammatory lead compounds from natural resources. This Special Issue aims to publish research focusing on the identification of novel anti-inflammatory compounds from coral and coral-associated micro-organisms along with the in-depth study of their pharmacological mechanisms.



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Special Issue



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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.

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