

Marine Immunomodulators

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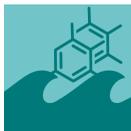
Message from the Guest Editor

Dear Colleagues,

The marine system offers an ecological resource comprising a variety of aquatic plants and animals. Therefore, the marine environment represents countless and diverse resources for new drugs to combat major diseases such as cancer or malaria and a source of molecules that is able to “drive” the mammalian immunity system, i.e., immunomodulators. Indeed, the aquatic organisms have to be screened for antibacterial, immunomodulator, anti-fungal, anti-inflammatory, anticancer, antimicrobial, neuroprotective, analgesic, and antimalarial properties. This potential is immense, and these molecules can be used as new drugs for several different purposes.

The aim of this special issue is to collect as many papers as possible on molecules deriving from marine organisms that have immunomodulatory activity, i.e., are able to modulate innate or adaptative mammalian immune responses. Amplifying such an interesting and astounding area of natural products research has also the secondary aim of getting a clearer idea of the priority of the drugs that are to be developed and possible new drug candidates of a marine origin.





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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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