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Perspectives for the Development of New Multitarget Marine Drugs

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Message from the Guest Editors

Dear Colleagues,

In recent years, there has been growing interest in marine natural products (MNPs) since they are endowed with unusual scaffolds and have a high potential to facilitate the discovery of new leads with particular mechanisms of action. MNPs are ideal chemical probes for determining the biochemical pathways underlying a given disease and discovering novel drug targets. The main limitation of MNPs is that they are usually isolated in low amounts that are sufficient for elucidation of their structure but inadequate for extensive drug screening. In this context, organic synthesis proves to be a powerful tool to enhance the potential of MNPs: the synthesis of MNPs or of their analogues is one of the feasible strategies for enriching screening libraries with an adequate number of MNPs and MNP-inspired molecules.

For the Special Issue we invite academic and industry scientists from a large number of fields to submit original and conceptual research articles. Reviews that present up-to-date knowledge on multitarget MNPs and MNP-derived synthetic compounds useful for a specific therapeutic area are also welcome.



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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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