



Anti-Microbial Compounds from Marine Sources

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Message from the Guest Editor

Microbial infections have become more serious threats to human health due to the emergence and spread of antimicrobial-resistant microorganisms. In recent years, the development of new anti-infective agents has become urgently needed. Natural environments have proven to offer excellent sources of anti-microbial drugs. Notably, the Nobel Prize in this field was brought to scientists that contributed to the discovery of penicillin, streptomycin, and avermectin. Marine natural products have also been found to possess great chemical diversity associated with interesting biological activity, particularly with respect to anti-microbial compounds. In this Special Issue, we focus on the following topics to tackle infectious diseases: new screening strategies and methods; discovery of new sources and novel compounds from marine environments; their target identification; and mechanism of action studies.

For this Special Issue of *Marine Drugs*, I encourage scientists to submit their latest research findings in this area. I expect that this will contribute to future drug discovery efforts in infectious diseases.





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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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