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Marine Natural Products as Potential Drug Leads

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Message from the Guest Editor

Dear Colleagues,

Marine natural products represent an excellent source of new molecules with unique chemical and biological properties, representing an excellent front of new potential drug leads. Recently, many marine-inspired drugs have been commercialized or are under investigation for the treatment of several diseases. Moreover, as new diseases are emerging, pharmaceutical companies are looking for new small molecules with new mechanisms of action to develop effective and safe drugs. Thus, it appears crucial to develop innovative approaches to discover new potential drug leads.

The focus of this Special Issue will be to highlight the potential of marine natural products in the field of drug discovery. It will cover all drug discovery research starting from marine natural products, including their isolation, structure characterization, biosynthesis, biological properties and mechanism of action as well as synthetic approaches towards them and related analogues. Submissions on the development of innovative scientific approaches to discover new lead compounds are 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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