Special Issue

Advances in the Application of Analytical Techniques for Marine Drugs Discovery

Message from the Guest Editor

Marine organisms are a treasure trove for the discovery of biologically active natural products, with potential to be developed into drugs. Drug development involves identification of the initial Hit, Hit Confirmation, Lead Identification, Lead Optimisation, and Candidate Drug Identification. There is also a need to identify both the phenotype and the molecular target. Target-based screening requires the subsequent identification of the phenotypic effects while phenotypic screening requires the subsequent identification of the target. Numerous analytical techniques are required throughout this development journey. This issue delves into the marine drug discovery process to identify the key analytical techniques across the full development pathway. For this Special Issue, we invite academic and industry scientists to submit reviews and original and conceptual research articles highlighting the analytical techniques used to discover and develop potential marine drugs.

Guest Editor

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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