Special Issue

New Screening of Marine Natural Products

Message from the Guest Editors

In parallel with the progress made in solved protein structures over the past six decades, over 40,000 marine natural product (MNP) structures have been identified. Notably, recent advancements in deep learning methodologies have propelled protein structure prediction to new heights. Consequently, the structure-based screening of MNPs is undergoing transformation. Computational models, biochemical assays, and cellular models have emerged as pivotal strategies for marine drug discovery. This Special Issue aims to compile cutting-edge research encompassing MNP databases, structure-guided drug discovery and pharmacological studies of MNPs, and predictive methods for MNP activities. Submissions focusing on both the methodological advancements in MNP screening and the pharmacology of MNPs are highly encouraged.

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About the Journal

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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