

## Special Issue

# Marine Terpenoids 2025

### Message from the Guest Editors

The unique environment of the ocean has led to distinctive survival modes among marine organisms, one important way being the production of natural products to combat environmental stress and predation. A notable category is terpenoids, which account for about 40% of natural products. These terpenoids possess unusual skeletons that distinguish them from their terrestrial counterparts. However, the limited resources hindered in-depth studies of their bioactivities, thus resulting in the unavailability of marine terpenoids on the market and in clinical research stages. Numerous novel marine terpenoids have been discovered with advancements in separation and analytical instrumentation, coupled with the development of structural mining technologies such as GNPS and SMART. Additionally, strides in synthetic methodology and the development of high-throughput sequencing and genomic technologies have furnished researchers with sophisticated tools for the chemical synthesis or biosynthesis of target molecules. These aspects serve as foundational templates for identifying drug-derived molecules and provide viable preparation strategies for subsequent bioactivity studies.

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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.

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### Editor-in-Chief

Prof. Dr. Bill J. Baker

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