

Special Issue

Molecular Networking as a Strategy in Discovery of Marine Bioactive Compounds

Message from the Guest Editor

Landmark advances in bioinformatics tools and analytical chemistry, particularly in mass spectrometry (MS), have recently enhanced the field of natural product (NP) research, putting today's practicing chemists in the enviable position of being able to efficiently speed up the NP discovery process. In this context, molecular networking has proven to be a very efficient tool to rapidly identify new NPs within complex mixtures. Since its introduction in 2012, this emerging computer-based approach has totally revolutionized the "art of NP isolation", enabling the transition from the traditional "grind and find" model to the streamlined hypothesis-driven targeting of NPs. In this Special Issue of *Marine Drugs*, you are kindly invited to submit articles that describe creative endeavors that have led to the discovery of unprecedented bioactive marine natural products using molecular networking.

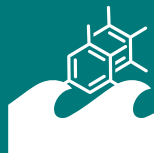
Guest Editor

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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

Prof. Dr. Bill J. Baker

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