

Special Issue

The Structures and Biologic Activity of Marine Natural Products

Message from the Guest Editors

Marine natural products are physiologically and ecologically active compounds of diverse structural classes including biopolymers and low molecular weight substances. These metabolites originate from different biological sources such as invertebrates, algae, fungi and bacteria, inhabiting the marine environment. Changeable and hostile living conditions force marine organisms to adapt by driving chemical evolution. As result, plenty of new molecules with unique chemical structures and biological activities have arisen. The modern approaches make possible thorough studying of marine natural products including the isolation of minor compounds expanding and deepening fundamental understanding of their biodiversity, functions and biosynthesis. All the original research and reviews concerning structure elucidation, biologic activity and structure-activity relationships studying, metabolic profiling and biosynthetic peculiarities analysis of marine natural products are welcomed in this special issue.

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