Special Issue

Bioactive Molecules from Extreme Environments III

Message from the Guest Editor

Extreme environments—i.e., polar and hot regions, deep sea, hydrothermal vents, marine areas of high pressure or high salinity—experience conditions close to the limit of life. In these marine ecosystems, organisms have developed a huge variety of strategies to cope with such harsh conditions, such as the production of bioactive molecules that are potentially valuable for pharmaceutical, nutraceutical and cosmeceutical sectors. These molecules are diverse in structure and possess a broad spectrum of activities that make them an attractive molecular basis for drug design and biotechnological applications. As , I encourage the submission of research papers and reviews focused on bioactive compounds isolated from organisms that inhabit marine habitats (cold/deep sea, marine hydrothermal vents and areas of high pressure, high salinity or high UV radiation and all other marine environments that are considered extreme), thus increasing our knowledge of biological resources in terms of (*i*) biodiversity, (*ii*) bioprospecting and (*iii*) molecular and enzymatic mechanisms displayed by novel molecules to be used in biotechnological and pharmaceutical applications.

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

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