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Proteomic Studies for the Characterization of the Biological Targets of Marine Bioactive Molecules

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Deadline for manuscript submissions:

closed (31 March 2021)

Message from the Guest Editor

The marine environment makes up to 71% of the Earth surface and is a rich source of bioactive compounds and natural medicines. Marine bioactive molecules are important in relation to drug discovery, specifically if characterized with antitumor, anti-inflammatory, antiviral, and other pharmacological activities. The potential for marine natural bio-products to be used as new drugs is still in relatively new stages of the development. The focus of this special issue is to provide updates about recent proteomics studies using marine organisms as a source of bioactive molecules and new technologies applied. The huge potential of modern next-generation high-throughput sequencing technologies in the combination with liquid chromatography–mass spectrometry, are currently advancing our understanding of protein function and genetics.

I invite researchers from different disciplines including chemistry, medical science, nanotechnology, biotechnology, biochemistries and other fields to consider making contribution to this Special Issue.



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Special Issue



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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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