Special Issue

Marine Bioactive Peptides: Structure, Function, and Therapeutic Potential

Message from the Guest Editor

This Special Issue will include up-to-date information regarding bioactive peptides isolated from marine organisms. Marine peptides have been found in various phyla, and their numbers have grown in recent years. These peptides are diverse in structure and possess broad-spectrum activities that have great potential for medical applications. Various marine peptides are evolutionary ancient molecular factors of innate immunity that play a key role in host defense. A plethora of biological activities, including antibacterial, antifungal, antiviral, anticancer, anticoagulant, endotoxin-binding, immune-modulating, etc., make marine peptides an attractive molecular basis for drug design. This Special Issue will present new results in the isolation, structural elucidation, functional characterization, and therapeutic potential evaluation of peptides found in marine organisms. Chemical synthesis and biotechnological production of marine peptides and their mimetics will also be a focus of this Special Issue.

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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