

Special Issue

Marine Bioactive Peptides: Structure, Function, and Therapeutic Potential, 5th Edition

Message from the Guest Editor

The Special Issue "Marine Bioactive Peptides: Structure, Function, and Therapeutic Potential, 5th Edition" aims to collect papers on up-to-date information regarding isolation, structural elucidation, functional characterization, and therapeutic potential evaluation of peptides isolated from marine organisms. Chemical synthesis and biotechnological production of marine peptides and their mimetics will also be a focus of this Special Issue. In addition, this Special Issue has an interest in publishing new results arising from a peptidomic approach. Diverse in structure and function, marine peptides were found in various phyla, and their number has dynamically grown in recent years. Some of them 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, cytotoxic, neurotoxic, anticoagulant, antifreeze, endotoxin-binding, and immune-modulating, make marine peptides an attractive molecular basis for the design of innovative antibiotics, anticancer drugs, analgetics, medicines for neurological disorders, etc.

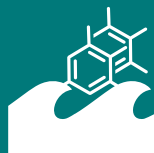
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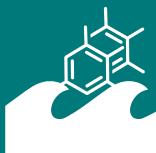


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About the Journal

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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