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Marine Invertebrate Toxins

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Message from the Guest Editors

Dear Colleagues,

Marine invertebrates are conspicuous residents in oceans. As a part of defensive and/or predation strategies, toxins have evolved in invertebrate animals and are particularly abundant. They produce toxins that vary from small to high molecular weight molecules and display unique chemical and biological features of scientific concern.

Protein and peptide toxins, as well as non-proteinaceous compounds, and their derivatives, are a class of specific chemical substances capable of causing diseases on contact with or absorption by body tissues. They bind to a variety of cognate receptors to exert poisonous effects.

This Special Issue provides an initial survey of marine invertebrate toxins and their salient properties. It gathers original peer-reviewed articles and reviews reflecting updated research in domains concerning marine invertebrate toxins, i.e., chemical, immunological, environmental, pharmacological and physiological aspect, as well as mechanism of action and applicability.

Dr. Ana G Cabado

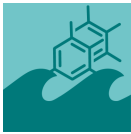
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Special Issue



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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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