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Jellyfish Derived Ingredients for Drugs and Nutraceuticals

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Jellyfish biodiversity holds potential for drug discovery due to the unique and often complex compounds found in their biochemical composition. Jellyfish's adaptation strategies to different marine environments, including symbiosis, enhance their biochemical complexity and increase the possibility that jellyfish biodiversity can contribute to drug discovery.

The study of jellyfish compounds can also have applications in biotechnology, such as the development of molecular tools and biosensors. While jellyfish biodiversity offers exciting possibilities, exploring these potential drug sources is a complex process. Isolation, characterization, and appropriate testing compounds for safety and efficacy are still fields in need of further research.

The focus of this Special Issue will be to collect research articles that add experimental tests highlighting the potential of natural products originating from cnidaria, particularly from jellyfish-forming species, that are active as nutraceuticals and lead compounds in drug discovery.

Dr. Antonella Leone
Guest Editor

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Editor-in-Chief

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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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