

Special Issue

Neuroprotective Effects of the Marine-Derived Compounds

Message from the Guest Editors

Neurodegenerative diseases and mental diseases have severely threatened public health across the globe. In the pathologies of these neuronal disorder diseases, the degeneration and dysfunction of neurons play crucial roles. Unfortunately, there are very few successful clinical drugs that are available for the prevention and treatment of these diseases. Thus, new natural neuroprotectants have been highly anticipated. In recent decades, increasing numbers of marine compounds have been reported in relation to their bioactivities against neuronal injuries, as well as their mechanisms of action. These compounds are from diverse marine algae, invertebrates, and microbes. Promisingly, this field has become a new hotspot of marine natural product research. For this Special Issue, we invite academic and industry scientists to submit reviews and original and conceptual research articles highlighting the discovery, bioactivities, and mechanisms of action of marine-derived neuroprotectants. We particularly welcome articles that introduce new research methodologies in marine neuroprotectant discovery and their mechanisms of action.

Guest Editors

Prof. Dr. Yi Zhang

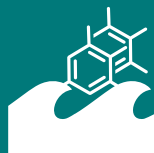
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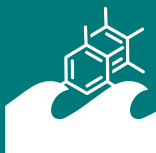


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About the Journal

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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