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Anti-Alzheimer Agents from Marine Sources

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Message from the Guest Editors

Algae and microalgae are a source of important substances known to prevent/delay the onset of neurodegenerative diseases. Other marine organisms also have the potential to treat AD, namely sponges. Moreover, several prospective observational studies clearly point to the protective effect of fish consumption against the risk of AD. This Special Issue aims to give an overview of the important contribution of all the marine resources for the generation of new compounds or the usefulness of their known components with the aim of controlling AD. This issue also intends to contribute to the better understanding of the link between dietary components and the state of cognitive functions, exploring different steps that separate a food ingestion from the bioactivity of its components in neurons. Furthermore, papers will shed light on the dose response relation between bioactive compounds and cognitive function. Synthetic approaches to their bioactive compounds are also welcome, as well as studies on their mechanisms of action.

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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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