

Marine Organisms with Neuroprotective Activity: Molecular Targets and Action Mechanisms

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Message from the Guest Editors

Dear Colleagues,

Marine compounds have shown an extreme diversity in both chemical structure and modes of action. There is no doubt that the future of neuroprotection will include several natural or derived marine compounds, as the literature is now suggesting. The privileged structures provided by marine organisms bring about the question of why they are producing this variety of compounds so active in mammals, but their use is potentially very promising, not only in terms of action, but also because their molecular size and kinetics favor their development as drug leads.

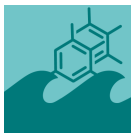
This Special Issue of marine organisms with neuroprotective activity seeks to highlight the potential of marine drugs for neuroprotection, with a special emphasis on the diversity of molecular targets and mechanistic effects. Original (in vitro, animal, and clinical), review, and conceptual articles on known and novel bioactive marine products with potential neuroprotective activity and its translational value are encouraged.

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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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