Special Issue

Antiproliferative Marine Natural Products Inducing Non-apoptotic Cell Death or Chemosentisizing Cancer Cells

Message from the Guest Editor

In this Special Issue, we will explore all aspects of antiproliferative marine natural products inducing cell deaths that are different from caspase-dependent intrinsic apoptosis or chemosentisizing cancer cells to anticancer compounds, including chemical diversity within marine taxa, chemical ecology research aimed at understanding the natural function of these bioactive compounds, innovations in extraction, and the purification and structural elucidation of complex antiproliferative metabolites, as well as biotechnology developments dedicated to their sustainable production. We are also interested in highlighting innovative research that will enhance our understanding of the cellular and molecular pharmacology of these antiproliferative molecules, or discussing novel mechanisms of action and innovative therapeutic applications. Additionally, we will also emphasize research aimed at improving or accelerating the screening, chemical synthesis, and clinical development of these marine drugs exhibiting original modes of action.

Guest Editor

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Deadline for manuscript submissions

closed (20 August 2020)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/20171

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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.

Editor-in-Chief

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