Special Issue

Marine Glycosides

Message from the Guest Editors

In recent years, there has been a steady increase in the publication of papers on the chemistry, biology, and potential clinical uses of marine glycosides. Glycosides have been isolated from species as diverse as algae, fungi, anthozoans, and echinoderms. Even fish of the genus Pardachirus produce glycosides that they use as shark repellents.

The major interest in these compounds as potential drugs stems from the broad spectrum of biological effects. They have been shown to have antimicrobial, antifungal, anti-inflammatory, immune modulatory immune modulatory and anticancer effects. The anticancer effects of marine glycosides include cell cycle suppression, induction of apoptosis, inhibition of migration, invasion and metastasis, as well as antiangiogenesis.

This Special Issue will cover the entire scope of marine organism-derived glycosides that are of potential value as pharmaceutical agents or leads. These include, but are not limited to, tetracyclic triterpene glycosides; other triterpene glycosides; steroid glycosides; and glycosides of non-isoprenoid aglycones.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2018)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/9434

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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

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