Special Issue

Evaluation of Bioactive Properties of Marine-Derived Polysaccharides and Oligosaccharides

Message from the Guest Editor

Marine organisms are a source of polysaccharides of vast diversity, many of them recalcitrant. Their structural complexity, “unconventional” and heterogeneous sugar composition, sulfation and other modifications make them highly interesting with regard to bioactive properties. This makes them promising candidates for potential medical, pharmaceutical, nutraceutical and cosmetic applications. Currently, many marine polysaccharides are already being exploited. A special issue on marine derived bioactive oligo- and polysaccharides is now planned for publication in the journal *Marine Drugs*. The focus will be on defined polysaccharides and derived oligosaccharides from a broad scope of marine organisms: macroalgae, microalgae, fish, crustaceans, invertebrates such as sea urchins and sea cucumbers, sponges, jellyfish and marine prokaryotes. The various bioactivities and exploitation potentials will be highlighted along with how structural features in the marine polysaccharides contribute to the biological activities.

Guest Editor

Dr. Olafur H Fridjonsson
Matis ltd., Vinlandsleid 12, 113 Reykjavík, Iceland

Deadline for manuscript submissions

closed (31 October 2021)

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/si/84107

Marine Drugs
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
marinedrugs@mdpi.com

mdpi.com/journal/marinedrugs

Marine Drugs

an Open Access Journal by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed

mdpi.com/journal/marinedrugs

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
Department of Chemistry, University of South Florida, 4202 E. Fowler Ave., CHE 205, Tampa, FL 33620-5250, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmacology, Toxicology and Pharmaceutics (miscellaneous))

MDPI