



Evaluation of Bioactive Properties of Marine-Derived Polysaccharides and Oligosaccharides

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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.

Dr. Olafur H Fridjonsson

Guest Editor





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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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