Special Issue

Marine Oligosaccharides and Polysaccharides 2.0

Message from the Guest Editor

Carbohydrates are an enormous class of molecules comprising polysaccharides, oligosaccharides, and monosaccharides. In nature, all carbohydrates can be found alone or as glyconjugates, mainly linked to proteins or lipids. Seas and oceans are untapped reservoirs of these molecules, which are produced by bacteria, microalgae, and cyanobacteria. Within this field, many products containing carbohydrates and showing biological activities have been discovered. Nevertheless, the very wide structural diversity of carbohydrate-containing molecules and, in some cases, their scarce solubility make their analysis exceptionally challenging. The Special Issue titled “Marine Oligosaccharides and Polysaccharides 2.0” aims to collect as many original researches and reviews concerning marine polysaccharides and oligosaccharides isolation, structural determination, physico-chemical properties, biological activity, and biotechnological application as films or nanoparticles in food and pharmaceutical fields as possible. Furthermore, work aiming to increase knowledge about the marine biofouling matrix regarding polysaccharides isolated from marine bacterial biofilms are welcome.

Guest Editor

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Deadline for manuscript submissions

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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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