



Bioactive Polysaccharides from Seaweeds

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Deadline for manuscript
submissions:

31 July 2024

Message from the Guest Editors

Dear Colleagues,

Marine seaweeds are considered to be an excellent source of high-value biologically active molecules thanks to their abundance and the advantage of their environmentally friendly cultivation processes. Among them, polysaccharides have shown many industrial applications as food texturizers and biological activators. These phycocolloids (hydrocolloids), are substances capable of modifying the rheological properties of the aqueous solutions that contain them. They can thus modify the flow properties of water, being classified as thickeners, gelling agents and finally stabilizers (limiting flocculation, flotation, decantation or coalescence of particles in a liquid medium). Algal polysaccharides are commonly used as texturing agents in the food, pharmaceutical and cosmetic industries.

This Special Issue will include recent advances in the field of algae polysaccharides with potential for biomedical, food or biotechnological applications. Papers describing their structural, physicochemical, biological and functional properties, as well as the structure-function-application relationship, are encouraged.

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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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