

## Special Issue

# Polysaccharides from Marine Environments II

### Message from the Guest Editor

Macroalgae, microalgae, bacteria, and animals from seas and oceans are known to produce large quantities of polysaccharides, making them very attractive for bioprospecting and potential exploitation as commercial sources of these biopolymers. The extreme diversity of glycosidically linked structures provides an extensive group of biopolymers, with complex architectures associated with specific biological or rheological properties. Moreover, some marine polysaccharides harbor specific structural features such as sulfate groups or a cationic character, making them very attractive for industrial applications. Success stories involving new marine polysaccharides in the field of pharmaceutical, nutraceutical, cosmetic, and biosourced materials, and others, have recently been reported. All these successes are a consequence of the increasing knowledge in the identification of marine polysaccharide producers, the characterization of these macromolecules, the development of processes for their extraction, and the analysis of their properties. This Special Issue provides recent reviews and research articles in the field of marine polysaccharides.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2022)



## Applied Sciences

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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