



Polysaccharides from Marine Environments II

Guest Editor:

Prof. Dr. Philippe Michaud

Clermont Auvergne University,
Clermont Auvergne INP, CNRS,
Institut Pascal, F-63000 Clermont-
Ferrand, France

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Message from the Guest Editor

Dear Colleagues,

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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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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MDPI, Grosspeteranlage 5
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