Special Issue

Polysaccharides from Marine Environments

Message from the Guest Editors

Polysaccharides exhibit a large variety of biochemical structures based on combinations of up to 40 different monosaccharides. This 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 sulfates groups or a cationic character, making them very attractive for industrial applications. Success stories involving new marine polysaccharides in the field of pharmaceutic, nutraceutic, 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.

Dr. Cedric Delattre

Guest Editors

Prof. Dr. Philippe Michaud

Dr. Guillaume Pierre

Dr. Cédric Delattre

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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.

Editor-in-Chief

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

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