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## Bioactive Polysaccharides: Extraction Techniques, Biological Activities and Food Applications

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Deadline for manuscript submissions:

**closed (5 May 2024)**

### Message from the Guest Editors

Dear Colleagues,

Polysaccharides are composed of monosaccharides that are linked with various glycosidic bonds, and they widely exist in plants, animals, seaweeds and microorganisms. In recent years, polysaccharides have attracted a great deal of attention due to their health-promoting activities and relatively low toxicity. However, further endeavors are required in order to promote their application. A number of extraction techniques have been developed to raise polysaccharide yields, decrease their extraction cost, and so on. The functional properties of bioactive polysaccharides have been extensively investigated, and many polysaccharides exhibit various beneficial biological activities, such as immunomodulation, anti-inflammation, anti-oxidation, anti-viral activity and so on. These findings suggest their potential application in food and their use as functional ingredients for health benefits.

In this Special Issue, original research articles and reviews are highly welcome. Topics may include, but are not limited to, extraction techniques, structure–activity relationships, action mechanisms and the application of bioactive polysaccharides in food.



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**Special** Issue



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## Message from the Editor-in-Chief

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