

Special Issue

Bioactive Polysaccharides: Extraction Techniques, Biological Activities and Food Applications

Message from the Guest Editors

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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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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