

Special Issue

Characterization, Bioactivity Evaluation and Utilization of Plant Polysaccharides

Message from the Guest Editors

As a group of biological macromolecules, polysaccharides exist widely in plants and perform a series of essential functions in life activities. Moreover, with the high incidence of chronic diseases, the identification of novel biological polysaccharides with health benefits has received great interest in recent years. There has been an increase in scientific studies focusing on the use of polysaccharides for the prevention and treatment of hyperglycemia, hyperlipidemia, intestinal flora disorder, etc. This Special Issue aims to highlight the most recent knowledge and advances in the field of plant polysaccharides. Submissions of research or review articles and short communications providing state-of-the-art knowledge on polysaccharides from plants are encouraged. Research areas may include, but are not limited to, the following: identification, separation, chemical characterization, functional properties, bioactive effects, and health-promoting benefits of polysaccharides; applications in food processing; and potential applications in food packaging.

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Deadline for manuscript submissions

closed (31 December 2025)



Life

an Open Access Journal
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Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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