

Special Issue

Food Polysaccharides and Oligosaccharides: Enzyme Treatment, Structural Analysis, and Functional Bioactivity Value

Message from the Guest Editors

Food oligosaccharides, a class of carbohydrates composed of a small number of monosaccharide units, have raised significant attention due to their diverse functional properties and potential health benefits. This Special Issue is designated to explore the multifaceted nature of food oligosaccharides, focusing on enzyme treatment, structural analysis, and their bioactivity.

Recent studies have demonstrated that enzyme-treated oligosaccharides can significantly enhance functional properties, such as solubility, sweetness, stability, and functionality, making them suitable for various applications. Structural analysis has revealed intricate details about oligosaccharide glycosidic linkages and their impact on biological activity. Functional bioactivity studies have highlighted the role of oligosaccharides in modulating gut microbiota and enhancing the overall host physiological state, which is critical for developing functional foods aimed at improving health outcomes.

Guest Editors

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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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