

Special Issue

Production and Functional Evaluation of Food-Derived Polysaccharides and Oligosaccharides

Message from the Guest Editors

Food-derived polysaccharides and oligosaccharides are key bioactive components due to their versatile functions and potential for healthier, sustainable food systems. Advances in extraction, enzymatic modification, and biotransformation now enable tailored carbohydrate polymers with enhanced properties. They play crucial roles in regulating food texture, stabilizing colloids, modulating digestion, and interacting with nutrients. However, challenges remain in clarifying structure–function relationships, achieving precise production, and conducting comprehensive functional evaluations, complicated by processing variability and structural complexity. This Special Issue highlights recent advances in the production, characterization, modification, and functional assessment of these biopolymers. We welcome contributions to deepen understanding and promote their application in functional foods and advanced technologies.

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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.

Editor-in-Chief

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