

Special Issue

Novel Functional Food Polysaccharides: Development, Structure-Functionality and Application

Message from the Guest Editor

Polysaccharides are the most abundant biopolymers in nature, widely present in animals, plants and microorganisms, and are one of the four major substances that constitute life, and are involved in many important biological processes, such as intercellular communication, embryonic development, bacteria or viral infections, as well as humoral and cellular immunity. Bioactive polysaccharides refer to polysaccharides that have biological effects on organisms, which have both therapeutic activity against human and animal diseases, and toxicity that causes disease or death. Although polysaccharides have been used for decades in the fields of pharmaceuticals, biomaterials, food and biofuels, the application and development of novel molecules of polysaccharides in various fields still needs further in-depth research. The effects of its structure and interactions, as well as the mechanisms in metabolic processes, are crucial for elucidating the relationship between food and nutrition.

Guest Editor

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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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