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Advances in Food Polysaccharides: Characterization, Functionality, Modification, Interactions and Application

Guest Editors:

Dr. Kelvin Kim Tha Goh

School of Food & Advanced
Technology, Massey University,
Private Bag 11 222 Palmerston
North, New Zealand

Dr. Sung Je Lee

School of Food & Advanced
Technology, Massey University,
Auckland, New Zealand

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Message from the Guest Editors

This Special Issue aims to explore the latest advancements and breakthroughs in the field of food polysaccharides, with a specific focus on their characterization, functionality, modification, interactions, and application. The issue welcomes original research papers and reviews that contribute to expanding our understanding of these significant aspects.

The following are some of the specific topics that this Special Issue could cover:

- Innovative techniques and methods for characterizing polysaccharide structures, properties, and functionalities.
- Modification of polysaccharides through chemical, enzymatic, or physical means to enhance their performance in food systems.
- Interactions between food polysaccharides and other food components, including proteins, lipids, and flavour compounds.
- Application of food polysaccharides in diverse food systems, including their role in texture modification, emulsion stabilization, encapsulation, film-forming, and sensory attributes.
- Potential health benefits and bioactive properties of food polysaccharides.



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Special Issue



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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

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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Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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