

Special Issue

Health Benefits of Dietary Polysaccharides on Metabolic Disorders via Regulating Gut Microbiota

Message from the Guest Editors

This Special Issue aims to focus on how gut microbiota metabolizes dietary polysaccharides and their structure-function relationships on the regulation of gut microbiota, as well as the beneficial effects and mechanisms of action of dietary polysaccharides on metabolic disorders via regulating gut microbiota. We welcome different types of manuscripts, including original research articles and up-to-date reviews.

Potential topics include but are not limited to:

- Structural characterization and physicochemical modification of dietary polysaccharides derived from food materials and their potential to regulate gut microbiota
- Digestive and metabolic behaviors of dietary polysaccharides, as well as the interaction with gut microbiota.
- Structure-function relationships of dietary polysaccharides on the regulation of gut microbiota.
- Health benefits and mechanisms of action of dietary polysaccharides on metabolic disorders by regulating gut microbiota.

Guest Editors

Prof. Dr. Dingtao Wu

Dr. Ren-You Gan

Dr. Yichen Hu

Deadline for manuscript submissions

closed (15 October 2023)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

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About the Journal

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

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).