

## Special Issue

# Fibre and Prebiotic Substances from Starch in Foods and Its Implications for Human Nutrition

### Message from the Guest Editor

Eating a diet high in dietary fibre and prebiotics is essential in the prevention and treatment of obesity and its complications. The use of starch products, such as resistant starch, resistant dextrins, resistant maltodextrins, soluble corn fibre and soluble dextrin fibre provides great opportunities in this regard. Unfortunately, research on obtaining fibre and prebiotic substances from starch is very dispersed and poorly described. The ambition of this Special Issue is to fill this gap. Here, the goal is to identify and review the latest research results on: i) the preparation, characterization of starch-based fibre and prebiotic substances; ii) their application for industrial purposes, mainly food enrichment, in order to obtain functional foods; iii) the search for a relationship between the structure and properties of new preparations, and their impact on the human body; and iv) the health-promoting aspects of consuming these preparations. We cordially invite you to contribute to this Special Issue in the form of both review articles and original research results.

### Guest Editor

Prof. Dr. Janusz Kapusniak

Department of Dietetics and Food Studies, Faculty of Science & Technology, Jan Długosz University in Częstochowa, Armii Krajowej 13/15, 42-200 Częstochowa, Poland

### Deadline for manuscript submissions

closed (15 April 2024)



## Foods

an Open Access Journal  
by MDPI

Impact Factor 6.0  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/si/182546](https://mdpi.com/si/182546)

*Foods*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[foods@mdpi.com](mailto:foods@mdpi.com)

[mdpi.com/journal/  
foods](https://mdpi.com/journal/foods)





# Foods

an Open Access Journal  
by MDPI

Impact Factor 6.0  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/journal/  
foods](https://mdpi.com/journal/foods)



## 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

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, AGRIS, PubAg, and other databases.

#### Journal Rank:

JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2026).