



an Open Access Journal by MDPI

Functional Regulation, High-Value Processing and the Utilization of Starch-Based Foods

Guest Editor:

Dr. Han Tao

School of Food and Biological Engineering, Hefei University of Technology, Hefei, China

Deadline for manuscript submissions: **25 November 2024**

Message from the Guest Editor

Starch-based food products are widely consumed worldwide. Moreover, exploring new knowledge about these products to enhance their formulation and quality may promote the preference that consumers have for them. Native starches have low water solubility at room temperature and poor stability, which demand modifications to overcome esterification, crosslinking, oxidation and multiple modifications. These modified starches are not only important auxiliary materials or additives for modern food processing, but they are also a novel. promising biomaterial for pharmaceutical applications. Therefore, the objective of this Special Issue is to cover recent advances in developing the quality of starch-based foods

Potential topics include (but they are not limited to) the following:

- 1. Application of chemically modified starches in food processing;
- 2. Application of physically modified starches in food processing;
- 3. Application of enzymatically modified starches in food processing;
- 4. Modified, starch-based carriers in drug delivery.





mdpi.com/si/202852





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

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

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA,

AGRIS, PubAg, and other databases.

Journal Rank: JCR - Q1 (*Food Science & Technology*) / CiteScore - Q1 (*Health Professions (miscellaneous)*)

Contact Us

Foods Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/foods foods@mdpi.com X@Foods_MDPI