



foods



an Open Access Journal by MDPI

Protein-Based Delivery Systems: Properties, Applications, and Potential Risks for Foods

Guest Editors:

Dr. Rui Yang

College of Food Science and Engineering, Tianjin University of Science and Technology, Tianjin 300457, China

Dr. Lingli Chen

College of Food Science and Engineering, Jiangxi Agricultural University, Nanchang, China

Dr. Chunkai Gu

College of Food Science and Engineering, Tianjin University of Science & Technology, Tianjin, China

Deadline for manuscript submissions:

closed (30 June 2025)



mdpi.com/si/193733

Message from the Guest Editors

A protein-based delivery system is a novel system that utilizes the structural and functional properties of proteins to realize the transport and delivery of bioactive substances to the target sites. This Special Issue provides a good opportunity for colleagues to provide manuscripts related, but not limited to, the following topics.

1. The role of a protein-based delivery system in food applications;
2. The development trend and future prospect of protein-based delivery systems;
3. The impact of protein-based delivery systems on food safety, including microbial contamination and anaphylactic reaction, etc.;
4. The role of protein-based delivery systems in food quality, including the effects on the structure, composition, stability and activity of bioactive components;
5. The combination of protein-based delivery systems with other food technologies, such as packaging technology, food additives and cold chain transportation, etc.;
6. The interaction between protein and bioactive components;
7. New source, type and characteristics of protein in the delivery system;
8. Potential risk assessment of protein-based delivery systems;
9. Technical optimization of protein-based delivery systems.

Special Issue



foods



an Open Access Journal by MDPI

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

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 and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)