

## Special Issue

# New Insights into the Sources, Symptoms, and Management of Food Allergy

### Message from the Guest Editors

Food allergy prevalence is increasing rapidly, and allergies to foods have reached epidemic proportions worldwide. The problem affects not only allergic patients and their families but also the general public. In addition, the negative impact of food allergy on the agriculture and food industry is becoming increasingly severe. The current understanding of potentially life-threatening allergic reactions in humans is very limited. Authorities in different parts of the globe have recognized various food groups as major allergen sources affecting their populations. Furthermore, only a small subset of proteins in each food cause the majority of allergic reactions, and elucidating what makes some proteins food allergens is challenging. This Special Issue of *Foods* will focus on new findings in identifying food allergens, new methods for food allergen characterization and detection, and new developments in food allergen mitigation. Recent results that shed light on the symptoms and mechanisms of allergy reactions and the benefit of food allergy management are also welcome.

### Guest Editors

Dr. Yuzhu Zhang

Western Regional Research Center, Agricultural Research Service (ARS), United States Department of Agriculture (USDA), Albany, CA 94710, USA

Prof. Dr. Hongbing Chen

State Key Laboratory of Food Science and Technology, Sino-German Joint Research Institute, Nanchang University, Nanchang 330047, China

### Deadline for manuscript submissions

closed (29 February 2024)



## Foods

an Open Access Journal  
by MDPI

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/121661](https://mdpi.com/si/121661)

*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 5.1  
CiteScore 8.7  
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 14.9 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).