

## Special Issue

# Food Contaminants: Detection, Toxicity and Safety Risk Assessment

### Message from the Guest Editors

Contaminants in food and beverages are the main source of human exposure to toxic and harmful substances. Contaminants need to be promptly and effectively detected to prevent toxic food from entering the market. Conducting toxicological analysis and risk assessment, scientifically assessing the health risks of pollutants in food to human health, and then establishing maximum residue limits is necessary to ensure food safety and agricultural supply safety. In this Special Issue, the recent efforts and advances for comprehensive detection, toxicity, and risk assessment of contaminants in food will be addressed. Topics of interest for this Special Issue include, but are not limited to, the following:

- Innovative analytical methods for the determination of contaminants in food;
- The detection of new contaminants in food;
- The migration and transformation of contaminants in food;
- Contamination levels in food;
- Toxicology of contaminants in food;
- Risk assessment of toxic compounds in food;
- Risk assessment model for food pollutants;
- Regulations for food safety.

---

### Guest Editors

Prof. Hongping Chen

Prof. Dr. Jing Qiu

Prof. Dr. Zeying He

---

### Deadline for manuscript submissions

closed (10 June 2025)



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.0  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/si/184979](https://mdpi.com/si/184979)

*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 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).