

## Special Issue

# Foodborne Pathogens: Detection Technology and Safety Control

### Message from the Guest Editors

This Special Issue aims to provide the latest research developments in this field in order to promote development of detection products and the application of detection technology in the food industry. Potential topics include, but are not limited to, the following:

- The preservation and control of foodborne pathogens;
- Animal source foodborne pathogen;
- Nucleic-acid-based detection technology (PCR, RT-PCR, ddPCR, LAMP, RPA, molecular typing, etc.);
- CRISPR/Cas-based detection technology;
- Immunological detection techniques;
- Biosensors for the detection of pathogens;
- Biochips for high-throughput detection;
- Non-targeted screening technology;
- Aptamer detection technique;
- Phage food sanitiser;
- The detection of VBNC bacteria;
- The development of portable and on-site testing kits;
- Rapid enrichment strategies for pathogens;
- The detection and detoxification of mycotoxins;
- Microbial biofilm control;
- Microbial drug resistance and food safety;
- The prediction mode of microbial growth.

### Guest Editors

Prof. Dr. Xiaomei Bie

College of Food Science and Technology, Nanjing Agricultural University, Nanjing 210095, China

Prof. Dr. Wei Zhang

College of Veterinary Medicine, Nanjing Agricultural University, Nanjing 210095, China

### Deadline for manuscript submissions

closed (31 January 2024)



## Foods

an Open Access Journal  
by MDPI

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/181434](https://mdpi.com/si/181434)

*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/](https://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).