

Special Issue

Advances in Food Toxin Analysis and Risk Assessment

Message from the Guest Editor

In recent years, food safety has emerged as a global concern due to the increasing incidence of foodborne illnesses caused by various toxins. These toxins may be natural contaminants such as mycotoxins, marine biotoxins, plant toxins, or introduced through the use of pesticides, veterinary drugs, and intentional adulteration. With advancements in analytical technologies and risk assessment methodologies, the scientific community is set to make significant strides in detecting, mitigating, and managing food toxin risks. This Special Issue aims to compile cutting-edge research, reviews, and perspectives on recent advances in food toxin analysis and risk control strategies. This Special Issue invites researchers to submit their original research articles or reviews related to the following topics:

- **Emerging and Confirmation Analytical Techniques**
- **Rapid Screening Methods**
- **Advances in Nanotechnology for Food Toxin Detection**
- **Food Chain Interventions to Reduce Toxin Levels**
- **Risk Assessment and Management of Mycotoxins**
- **Marine Biotoxin Monitoring and Mitigation**
- **Data Analytics and Informatics in Food Safety**

Guest Editor

Prof. Dr. Pierina Visciano

Department of Bioscience and Technology for Food, Agriculture and Environment, University of Teramo, Via R. Balzarini 1, 64100 Teramo, Italy

Deadline for manuscript submissions

31 August 2025



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/229411

Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).