



foods



an Open Access Journal by MDPI

Research on Food Chemical Safety

Guest Editors:

Dr. Efrén Pérez Santín

Escuela Superior de Ingeniería y Tecnología (ESIT), Universidad Internacional de la Rioja—UNIR, Avenida de la Paz, 137, 26006 Logroño, Spain

Dr. José Ignacio López Sánchez

Escuela Superior de Ingeniería y Tecnología (ESIT), Universidad Internacional de la Rioja—UNIR, Avenida de la Paz, 137, 26006 Logroño, Spain

Deadline for manuscript submissions:

15 March 2025

Message from the Guest Editors

This Special Issue aims to explore the latest advances in the identification, risk assessment, and management of chemical hazards in food. It covers topics such as the formation and mitigation of contaminants such as pesticide residues, heavy metals, mycotoxins, and food contact materials, together with their toxicological profiles and exposure risks. Advances in analytical methods, including high-resolution mass spectrometry, biosensors, and machine learning-enhanced chemometric techniques, are critical for detecting low-level contaminants and predicting safety compliance in real time. In addition, contributions addressing regulatory challenges, risk-benefit analyses, and the development of novel risk communication strategies are welcomed to guide policymaking and public health interventions. By bringing together cutting-edge research and multidisciplinary perspectives, this Special Issue aims to advance our collective understanding of food chemical safety, facilitating the development of safer, high-quality food products while minimising public health risks.



mdpi.com/si/216773

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, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
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)