Special Issue

Microbiological Risks in Food Processing

Message from the Guest Editors

Microbiological hazards such as bacteria, viruses, and fungi in food processing can pose a serious threat to public health. If not managed effectively, their presence has the potential to contaminate food at various stages of processing. This can result in food-borne illnesses. imposing a considerable financial and health burden. Accordingly, the implementation of stringent food processing methods that are appropriate for different types of foods is crucial in minimising the food safety risks associated with microbiological hazards. This Special Issue on "*Microbiological Risks in Food* Processing" aims to consolidate cutting-edge research and insights that addresses the critical challenges and advances in understanding, monitoring, and mitigating microbiological risks associated with food processing. Specifically, it will explore novel detection methods, the effects of both current and emerging processing techniques on food-borne pathogens, and how these shape the microbial ecology of foods. These collectively provide insights into the development of innovative strategies and interventions to ensure food safety during processing.

Guest Editors

Dr. Chawalit Kocharunchitt

Centre for Food Safety and Innovation, Tasmanian Institute of Agriculture, University of Tasmania, Private Bag 98, Hobart, TAS 7001, Australia

Prof. Dr. Tom Ross

Centre for Food Safety and Innovation, Tasmanian Institute of Agriculture, University of Tasmania, Private Bag 98, Hobart, TAS 7001, Australia

Deadline for manuscript submissions

closed (30 September 2025)



Foods

an Open Access Journal by MDPI

Impact Factor 5.1 CiteScore 8.7 Indexed in PubMed



mdpi.com/si/198527

Foods Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 foods@mdpi.com

mdpi.com/journal/foods





Foods

an Open Access Journal by MDPI

Impact Factor 5.1 CiteScore 8.7 Indexed in PubMed



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 Lafavette. 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).

