

## 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.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2025)



## Foods

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*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

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