

## Special Issue

# Food Microbial Safety and Emerging Contaminants: Prevention and Control of Pathogens and Microplastics

### Message from the Guest Editor

Although substantial progress has been made in analytical methodologies, risk characterization, and preventive control strategies, foodborne pathogens and emerging contaminants still exert considerable epidemiological and economic impacts worldwide. Among these, microplastics have recently gained attention as novel vectors capable of influencing food safety. Their presence in food not only introduces a new physical–chemical hazard but also provides surfaces for microbial adhesion, biofilm formation, and the potential pathogens transport. This Special Issue calls for research on emerging hazards and integrated control strategies from farm to fork. Topics of interest include advances in microbial detection, predictive microbiology and risk assessment, the role of plastisphere in food safety, innovative processing and preservation technologies, antimicrobial resistance dissemination in the food chain, and intervention strategies. We welcome original research, reviews, and perspectives that deepen the understanding of contamination dynamics—including the role of microplastics in shaping pathogen behavior—and promote sustainable, evidence-based measures for food safety risk prevention.

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### Guest Editor

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### Deadline for manuscript submissions

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## Foods

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## 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.

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### Editor-in-Chief

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