

## Special Issue

# Detection and Control Technologies of Harmful Microorganisms in Food Supply Chain

### Message from the Guest Editors

Harmful microorganisms in foods have threatened public health and damaged the world economy due to the medical burden and recalled products. Some harmful microorganisms can persist and transfer along the food supply chain from farm to fork, posing risks for public health and challenges for detection, prevention, and control. Thus, it is extremely vital to develop advanced, rapid, and reliable technologies to detect and control harmful microorganisms to ensure microbial food safety.

The scope of this Special Issue includes, but is not limited to, the development and application of detection and control technologies for tackling harmful microorganisms along the food supply chain to ensure microbial food safety and public health; quantitative risk-based solutions and informed decisions to improve food safety; novel food control technologies (intervention/sanitation technologies and hygienic design) to control harmful microorganisms in foods; and rapid and reliable detection technologies to detect harmful microorganisms in food systems and environments.

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### Guest Editors

Prof. Dr. Long Chen

Prof. Dr. Shuxiang Liu

Dr. Rong Wang

Dr. Xinyao Wei

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### Deadline for manuscript submissions

31 December 2025



## Foods

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### 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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