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Foodborne Pathogens: Detection Technology and Safety Control

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Deadline for manuscript submissions:

closed (31 January 2024)

Message from the Guest Editors

This Special Issue aims to provide the latest research developments in this field in order to promote development of detection products and the application of detection technology in the food industry.

Potential topics include, but are not limited to, the following:

- The preservation and control of foodborne pathogens;
- Animal source foodborne pathogen;
- Nucleic-acid-based detection technology (PCR, RT-PCR, ddPCR, LAMP, RPA, molecular typing, etc.);
- CRISPR/Cas-based detection technology;
- Immunological detection techniques;
- Biosensors for the detection of pathogens;
- Biochips for high-throughput detection;
- Non-targeted screening technology;
- Aptamer detection technique;
- Phage food sanitiser;
- The detection of VBNC bacteria;
- The development of portable and on-site testing kits;
- Rapid enrichment strategies for pathogens;
- The detection and detoxification of mycotoxins;
- Microbial biofilm control;
- Microbial drug resistance and food safety;
- The prediction mode of microbial growth.



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Special Issue



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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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