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Detection, Control, Risk Assessment, and Prevention of Foodborne Microorganisms

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Deadline for manuscript submissions:

closed (20 September 2023)

Message from the Guest Editors

Despite the efforts made by governments and industry in recent decades, enteric foodborne diseases continue being a public health problem worldwide, significantly contributing to the total disease and mortality burden. According to The European Union One Health 2019 Zoonoses Report, the incidence of *Campylobacter* and *Salmonella* illness cases in humans remained stable, while *Escherichia coli* (STEC) infection cases increased from 2015 to 2019. In a new era of food safety, underpinned by a risk-based approach, omics data and quantitative tools are the most promising assets to combat enteric foodborne diseases.

This Special Issue is seeking original manuscripts covering novel approaches for the detection, control, and prevention of enteric foodborne microorganisms. Papers combining quantitative and molecular methods applied to the study of emergence and reemergence foodborne pathogens are particularly welcome. We also invite works that deploy a quantitative risk assessment approach, based on computational tools, to examine existing microbial food safety problems in more depth.



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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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