Special Issue

Detection and Control of Foodborne Pathogens and Microbiota in Food Processing Environments and Products

Message from the Guest Editor

Ensuring the safety of food remains a significant challenge in food production, particularly with the persistence of foodborne pathogens in food processing environments. Advances in detection technologies and control strategies have greatly improved our ability to monitor, manage, and mitigate microbial risks. This Special Issue aims to highlight cutting-edge research on innovative approaches to detecting and controlling foodborne pathogens and microbiota in food production systems. We invite the submission of original research articles focusing on emerging detection technologies and real-time monitoring systems for the detection of foodborne pathogens. Studies exploring novel biocontrol strategies, antimicrobial interventions, predictive microbiology, and environmental monitoring for microbial risk assessments are also welcome. This Special Issue seeks to provide a platform for advancing scientific knowledge and the technological innovations that contribute to developing safer and more sustainable food processing practices.

Guest Editor

Dr. Ok-Kyung Koo

Department of Food Science and Technology, Chungnam National University, Daejeon, Republic of Korea

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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.

Editor-in-Chief

Prof. Dr. Arun K. Bhunia
1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA
2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

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