Special Issue

Foodborne Pathogenic Bacteria: Prevalence and Control: Third Edition

Message from the Guest Editors

Volume I

(https://www.mdpi.com/journal/foods/special_issues/Fo od_Bioactives) and Volume II

(https://www.mdpi.com/journal/foods/special_issues/T5 ES6N4630) of this Special Issue were incredibly successful.

Foodborne pathogenic bacteria threaten the safety of the food system from farms to our tables. To enhance the safety of our food system, the first step is to understand how the food system has been and could still be contaminated by pathogenic bacteria, such as pathogenic Escherichia coli, non-typhoidal Salmonella, Vibrio parahaemolyticus, Staphylococcus aureus, Listeria monocytogenes and other emerging and reemerging pathogenic bacteria. On the other hand, we also need to understand how these bacteria can survive different processing and preservation steps in the food system. As of now, biofilm formation and antimicrobial resistance may explain the mechanisms behind the bacteria's survival. However, gaps in our knowledge still exist. Once we have acquired basic information, we will be able to prevent and control the contamination of foodborne pathogenic bacteria.

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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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