

Special Issue

New Challenges for Detection and Control of Food-Borne Pathogens: From Tools to People

Message from the Guest Editors

Contamination of foods by human pathogenic microorganisms is a major concern to both food safety and public health. With regard to the microbiological safety, bacteria and virus are the most common foodborne pathogens associated to both sporadic cases and outbreaks. Foodborne pathogenic bacteria and enteric viruses are the most common causes of foodborne illness in the United States and Europe. However, bacterial and viral microorganisms differ in terms of their behaviour in food matrices, their stability in food-related environments (e.g., food-contact surfaces; irrigating and processing waters) and their response to food processing technologies and controlling measures. Thus, specific and sensitive methods are needed to be developed for their detection, and quantification in complex matrices, such as food, and for tracking their occurrence along the food chain to determine the sources of contamination. This Special Issue will cover original manuscripts and reviews focused on the development of analytical techniques and the implementation of novel approaches to foster both management practices and control measures.

Guest Editors

Dr. Walter Randazzo

Instituto de Agroquímica y Tecnología de Alimentos (IATA), Spanish National Research Council (CSIC), Valencia, Spain

Dr. Pilar Truchado

Research Group on Microbiology and Quality of Fruit and Vegetables, CEBAS-CSIC, Murcia, Spain

Deadline for manuscript submissions

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

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About the Journal

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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