Special Issue

Detection, Risk Identification and Control of Foodborne Pathogenic Microorganisms

Message from the Guest Editor

Contamination and infections from foodborne pathogenic microorganisms pose an enormous threat to food production and global public health. The accurate and rapid detection of pathogenic microorganisms early on is not only significant for public health, but also for food safety, environmental monitoring and clinical diagnosis. Traditional methods include complicated pretreatments and decoding analysis procedures, which are cumbersome and time-consuming. Considering the limitations of traditional technology, it is important to develop alternative novel methods to rapidly and precisely detect pathogenic bacteria to ensure food safety. In addition, with the excessive use of antibiotics and toxic fungal contamination, bacterial resistance and toxins from fungi have become major challenges in public health and food safety. Developing new bacterial prevention and control technologies is significant to ensure food safety and can contribute to the sustainable and healthy development of the food industry.

Guest Editor

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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.

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