

Special Issue

Detection and Control of Food-Borne Pathogens

Message from the Guest Editors

Albeit the progress achieved in food preservation, significant outbreaks due to food-borne pathogens still occur worldwide. On one side, food safety as a public health challenge is correlated with market globalization and an increasing shift from stable foods to fresh convenience foods with extended durability. On the other side, the extensive application of whole-genome sequencing in food control has improved the detection of pathogens, advancing our knowledge of microbial diversity and genome biology. The increasing amount of genomic data, produced both in the research domain and in food control, offers the opportunity to develop food safety strategies based on precision microbiology. Thus, by focusing food preservation on specific microbial targets, future foods are going to benefit from higher food safety standards, with the minimum impact on food quality and price. In this respect, a significant role is going to be played by control methods based on minimal processing, and especially by strategies based on the use of natural preservatives and microbial cultures, compatible with the concept of clean labels.

Guest Editors

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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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