Special Issue

Detection and Epidemiology of Foodborne Pathogens

Message from the Guest Editor

With the advent of new methodologies, there is a paradigm shift in the diagnostics and epidemiology of foodborne pathogens. Sequencing-based approaches are gradually becoming typing methods of choice. Similarly, these approaches and advancements in associated microbial bioinformatics and computational tools have increased the application of culture-independent diagnostic tests (CIDTs) in clinical diagnostics. Therefore, it is imperative that CIDT soon be routinely used in food safety diagnostics as well. On the other hand, rapid methods utilizing techniques such as immunoassays and other microbial-associated entities on micro- and nanoscale sensing devices have enabled the rapid detection of different pathogens from food commodities or food environments. In summary, the resolution of microbial food safety has improved significantly owing to the rapid techniques of detection and characterization of these pathogens.

As the of the Special Issue, I invite you to submit research articles, review articles, and short communications related to the detection and epidemiology of foodborne pathogens.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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