



Detection and Epidemiology of Foodborne Pathogens

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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 Guest Editor 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.

Dr. Pratik Banerjee
Guest Editor





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Message from the Editor-in-Chief

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