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Molecular Epidemiology of Foodborne Pathogenic Bacteria

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Message from the Guest Editors

Food contamination can occur by multiple routes, and the identification of the source can be challenging; this leads to delays in stopping the spread of pathogens and increases the possibilities for human infection. With the intensification of the food industry, new methodologies to improve the tracking of these causative agents are required, and molecular techniques are key for this depth assessment. Genotyping can allow the reconstruction of evolutionary patterns associated with specific outbreaks and identify the genetic potential and environmental risk factors of the bacteria identified.

This Special Issue will cover the different approaches used to study and trace pathogenic foodborne microorganisms; these will include, but not be limited to, molecular methods for the detection and characterization of microorganisms, bioinformatics analyses, among others. The aim is to expose the novelties in this area in order to improve the typing analysis in order to contain future outbreaks.



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Special Issue



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Message from the Editor-in-Chief

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