Special Issue

Foodborne Bacteria–Host Interactions

Message from the Guest Editors

Foodborne diseases can be highlighted as one of the most important health problems in recent decades. Food contamination can occur at any stage of the farm-to-consumer continuum from environmental, animal, or human sources, causing foodborne illnesses that are a global public health problem and affect an estimated 600 million people annually. Pathogen–host interaction addresses the understanding of (i) host–species interaction with insights into molecular pathogenesis, evolution of pathogenic microbes and the potential of pathogens to cross the species barrier to infect new hosts; and (ii) mechanisms by which pathogenic bacteria communicate with other microorganisms and interact with the host, which is critical for the application of innovative control strategies. As of this Special Issue, we invite you to submit research articles, review articles, and short communications related to foodborne bacteria–host interactions, in particular topics such as pathogenesis, virulence factors, physiology, gene regulation, and immune response.

Guest Editors

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Deadline for manuscript submissions

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"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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