Special Issue

Food Microbiota in the Center Place: Detection, Antibiotic Resistance, Biofilms, the Impact on Hosts and Targeted Interventions

Message from the Guest Editors

Microorganisms and microbiota with the food chain have central roles in shaping food safety, public health, agricultural production and environmental sustainability. Foodborne and feedborne microbiota directly affect host health. Host gastrointestinal tract system further serves as the breeding ground for the evolution, dissemination, enrichment and persistence of microorganisms harboring hazardous genes and pathogens. Animal and human feces released contribute to the environmental pools of these organisms and hazardous genes, further affecting animal and human health through plant and animal food intake and environmental contacts. Manuscripts on improved detection of viable foodborne pathogens and hazardous genes; improved understanding on antibiotic resistance, microbial persistence, impact on host health; and innovative and targeted pathogen and hazardous gene mitigation strategies essential for food safety and public health are welcome to submit to this Special Issue.

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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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