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Postharvest Microbiology: Enhancing the Quality, Nutrition, and Safety of Fresh Produce

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Deadline for manuscript submissions:
closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

Research on postharvest pathology, fresh produce safety, and produce microbiome as related to quality traits are often analyzed separately. However, microorganisms that colonize horticultural commodities often overlap in space and time and the ensuing interaction has a range of implications, from shelf life of produce to human health and plant ecosystems. The overarching aim of this special issue is to encourage a systemic approach to analyze the dynamics of the microbiome of fresh produce during postharvest phases, identify origins of the endophytic community and determine what changes the microbial profiles to find ways that enhance the beneficial results. In this special edition, we will also be particularly interested on aspects that may help us discern the potential risks that could flourish from microorganism interactions

This Special Issue will serve as an interdisciplinary forum that invites contributions of scientists from different fields that study the interaction of the different microorganisms in postharvest produce and how those affect nutrition, safety, and overall quality.

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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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