Special Issue

Microbial Biocontrol in the Agri-Food Industry, 2nd Edition

Message from the Guest Editor

Natural antimicrobial compounds have potential applications in the food industry and biological control of plant pathogens, as well as therapeutic agents against animal and human infections. Natural antimicrobial compounds can come from plants (essential oils) or from microorganisms (bacteriocins, mycocines, and active peptides). In spite of a wide range of possible applications, however, their exploitation on an industrial level is still limited and needs to be investigated. The actual and possible applications of natural compounds in agri-food are an interesting and growing field. In addition to the use of antimicrobial compounds, the microorganisms themselves can be used in the control of spoilage microorganisms along the entire production chain of agro-industry products. Likewise, the quick development of novelties in this research field needs up-to-date review papers. In this Special Issue, we invite authors who are leading investigations into this topic to contribute to the knowledge of the use of natural antimicrobial compounds and biocontrol agents in the agri-food industry.

Guest Editor

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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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