Special Issue

Microbial Diversity and Antimicrobial Resistance Genes in the Environment

Message from the Guest Editors

Antimicrobial resistance is considered to be one of the major global challenges of the 21st century. Though a large volume of research has already been published, gaps in our knowledge remain, particularly in certain settings, such as our understanding of how selection can influence the One Health paradigm. Describing the nature of microbial communities in different environments, understanding their resistance profiles or resistome, and those factors influencing the emergence and spread of resistance is crucial to enable the development of tools carefully designed to address this challenge. This Special Issue of *Microorganisms* on "Microbial Diversity and Antimicrobial Resistance Genes in the Environment" aims to compile the latest research, and to provide scientific opinion on bacteriological topics related to antimicrobial resistance in different ecological niche settings. We cordially invite you to contribute research papers, reviews and short communications.

Guest Editors

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About the Journal

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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