Special Issue

New Perspectives for the Control of Antimicrobial Resistance

Message from the Guest Editors

The existence of multidrug-resistant microorganisms (MRMs) that are resistant to antibiotics is one of the major public health problems that humanity will continue to face in the coming decades. It is necessary to have a general plan that integrates different control actions. This Special Issue will include aspects relating to:

- Rapid and presumptive methods for detection of infection/colonization by MRMs.
- Decolonizing methodologies research and treatment of infections by MRMs.
- Occurrence of MRMs, with special attention to their presence in children and the elderly.
- Emerging MRMs that are human pathogens.

Keywords: antibiotic resistance bacteria; multidrug-resistant bacteria diagnosis; bacterial decolonization; epidemiological characterization; emerging multidrug resistance; beta-lactam antibiotics; Enterobacterales; Pseudomonas; Acinetobacter; Klebsiella pneumoniae

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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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