

Special Issue

Multidrug Resistance in the 2020's: A Threat in the Hospital and in the Community

Message from the Guest Editors

Multidrug Resistance represent a major concern for public health and the pressure for hospitals and communities. During the ongoing COVID-19 pandemic, antibiotics and antifungals have been extensively used for the management of hospitalized patients infected with SARS-CoV-2. Unintended consequences of antimicrobial overuse include, among others, the increment of resistance and the circulation of multidrug-resistant organisms (MDROs). On the other hand, the management of hospitalized SARS-CoV-2 patients increases the risk of outbreak due to MDROs for several reasons, including the increased number of patients, increased length of hospital stay, extensive antibiotic use, lack of infection prevention and control measures and interruption of antimicrobial stewardship programs. In this Special Issue, we encourage colleagues to submit manuscripts related to the multidrug-resistant pathogens and relevant treatment—from hospital to communities. We also welcome manuscripts describing new methods and the adaption or creation of technologies for the study, prevention, and control of multidrug resistance.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2023)



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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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