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Nosocomial Pathogens and Antibiotic Resistance

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Deadline for manuscript submissions:
closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

Healthcare-associated infections caused by antimicrobial resistant (AMR) bacteria are increasingly hard to treat, threatening our progress in healthcare and life expectancy, and generating a tremendous social and economic impact in low and medium-income countries as well as in industrialized countries.

In this Special Issue, we invite you to send contributions related, but not limited, to:

- AMR bacteria in healthcare-associated infections in industrialized and low and middle-income countries
- One-Health-oriented AMR issues with a direct link to nosocomial bacterial pathogens
- Analysis of the extent and mechanisms of horizontal and clonal spread of AMR within and beyond nosocomial bacterial pathogens
- The interplay between AMR and virulence (and fitness) in nosocomial pathogens
- Interdisciplinary papers combining clinical, epidemiological, microbiological, and modelling approaches to better understand AMR in nosocomial bacterial pathogens

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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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