



Antimicrobial Resistance: Challenges and Innovative Solutions

Guest Editor:

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Deadline for manuscript
submissions:

20 November 2024

Message from the Guest Editor

Microorganisms invites researchers to contribute to a Special Issue addressing the critical issue of antimicrobial resistance. This Special Issue aims to explore the challenges posed by antimicrobial resistance and highlight innovative solutions to combat this global threat.

We welcome original research, reviews, and perspectives on various aspects of antimicrobial resistance, including mechanisms of resistance, epidemiology, and the impact on human and animal health. Contributions investigating novel therapeutic approaches such as combination therapies, alternative antimicrobial agents, and drug repurposing are encouraged.

Additionally, we invite the submission of studies on antimicrobial stewardship programs, infection control strategies, and surveillance systems aimed at monitoring and preventing the spread of resistant pathogens. Research on the development of diagnostic tools, vaccines, and strategies to mitigate the emergence and dissemination of resistance genes will also be highly valued.





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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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