



Multidrug-Resistant Bacteria and Strategies for Antibiotic Resistance Mitigation, 2nd Edition

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 May 2024)

Message from the Guest Editor

This Special Issue invites original research articles, reviews, and contributions that span the following areas:

- Mechanisms of Antibiotic Resistance: In-depth exploration of the molecular and genetic mechanisms that confer resistance to multiple antibiotics in bacterial pathogens;
- Epidemiology and Surveillance: Understanding the global epidemiology of multidrug-resistant bacteria, including the identification of hotspots, trends, and emerging resistance patterns;
- Host-Pathogen Interactions: Investigating the interactions between multidrug-resistant bacteria and their hosts, with a focus on the immune response and strategies for host-directed therapies;
- Antibiotic Stewardship and Alternative Therapies: Strategies for prudent antibiotic use, antimicrobial stewardship programs, and the development of alternative therapeutic approaches beyond traditional antibiotics;
- Global Strategies for Mitigation: Discussions on international collaborations, policies, and interventions aimed at mitigating the spread of multidrug-resistant bacteria and preserving the efficacy of existing antibiotics.





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Message from the Editor-in-Chief

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