



## Combating Antimicrobial Resistance: Innovations and Strategies

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### Message from the Guest Editor

Dear Colleagues,

Antimicrobial resistance (AMR) is an escalating global health crisis that threatens the efficacy of antimicrobial agents, including antibiotics, antivirals, antifungals, and antiprotozoals. The misuse and overuse of these drugs in healthcare, agriculture, and animal husbandry have accelerated the development of resistant strains of pathogens.

The battle against AMR requires a multifaceted and coordinated global response. Continued research into understanding resistance mechanisms, the development of new antimicrobial agents, and the implementation of effective stewardship programs are essential to mitigate the growing threat of drug-resistant infections.

In this Special Issue, we encourage research and innovation in diagnostics, vaccines, and new antimicrobial agents to stay ahead of evolving resistance.





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## Message from the Editor-in-Chief

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