



Challenges and Emerging Strategies to Tackle the Global Burden of Antimicrobial Resistance

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Message from the Guest Editor

Antimicrobial resistance (AMR) poses a significant global health threat. Despite the immense disease burden due to resistant microorganisms and urgent need for effective strategies to tackle them, there remains a clear lack of practical clinical research to inform much-needed advances in this field.

Therefore, prompt and effective action is essential to address the challenges posed by AMR and develop strategies to mitigate its impact. This Special Issue aims to address this critical issue by focusing on articles covering a range of topics related to AMR. These include novel approaches to AMR diagnostics, surveillance strategies and antimicrobial treatment strategies, but also cover novel approaches to antibiotic stewardship and local/global policy perspectives.

I am pleased to invite submissions of high-quality research-based or review papers addressing the challenges and emerging strategies to tackle the global burden of antimicrobial resistance. The end-goal is to create a timely and highly relevant collection of articles aimed at addressing this pressing topic, which is currently one of the biggest global health concerns the humanity has faced.





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Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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