



Antimicrobial Resistance and Hospital- and Community-Associated Infections

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Deadline for manuscript
submissions:

31 December 2024

Message from the Guest Editor

Dear Colleagues,

Antimicrobial resistance (AMR) is a highly important threat to global human health. AMR is most notable in pathogens related to healthcare-associated infections (HAIs), particularly in susceptible populations already burdened by multidrug-resistant (MDR) organisms. The World Health Organization Global Action Plan on Antimicrobial Resistance exhorts countries to develop national action plans to strengthen knowledge through surveillance and research, reduce the incidence of infection through infection-prevention measures, and optimize the use of antimicrobial medicines in human health.

For this Special Issue, I am pleased to invite you to contribute original research, case reports, and review papers assessing current antimicrobial-resistance trends in the hospital and community settings, including the frequency and transmission of MDR pathogens, particularly those with alarming resistance trends. Reports, including molecular detection, characterization, antimicrobial-resistance determination, and epidemiological surveillance of critical bacterial pathogens, are welcome.





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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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