



Antimicrobial Prescribing and Antimicrobial Use in Healthcare Settings

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Message from the Guest Editors

The wide spread of antimicrobial resistance (AMR) has been a threat to public health. Overuse and misuse of antibiotics have been major contributions to the global burden of AMR. Therefore, it is necessary to reduce the prescription of inappropriate antibiotics and to control the spread of resistant bacteria around the world. An important strategy to reduce inappropriate antibiotic prescription is to enhance antimicrobial stewardship (AMS). One of the core strategies of AMS is the continuous monitoring of antimicrobial prescription and antibiotic use. In several high-income countries, the appropriateness of antimicrobial prescriptions is monitored using a national database. However, antimicrobial prescription and antibiotic use in healthcare settings have not been systematically evaluated. Thus, research in this area will improve perceptions in the evaluation of antibiotic use. This Special Issue will explore the evaluation and monitoring of antibiotic use in both in-hospital and community settings. We welcome manuscripts based on all aspects related to antimicrobial prescription and antibiotic use, which may include original research, review articles, and meta-analyses.





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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 disciplines 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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