

Special Issue

Improving Antimicrobial Use in the Hospital: Challenges and Possible Solutions

Message from the Guest Editor

This Special Issue of *Antibiotics* addresses variable aspects of antimicrobial usage in hospital settings and strategies to optimize it. Although most antibiotics are prescribed in the community, hospital settings are characterized by a high incidence of their excessive and inappropriate use. To date, there is little doubt that antibiotic overuse and misuse is associated with the spread of antibiotic-resistant pathogens. Various approaches are being taken to improve the use of antibiotics in hospitals. Antimicrobial stewardship is widely accepted as the most comprehensive and important strategy for combating antimicrobial resistance. However, its implementation around the world is constantly facing obstacles due to insufficient funding, lack of human resources and challenges such as the COVID-19 pandemic. Thus, in this Special Issue, the editors would like to focus on original studies and reviews of current trends in antibiotic consumption in hospitals, quantitative and qualitative aspects of their use, and the best practices for implementing antimicrobial stewardship.

Guest Editor

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Deadline for manuscript submissions

closed (15 November 2023)



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/144925

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About the Journal

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.

Editor-in-Chief

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