



Antibiotics Use and Antimicrobial Resistance in Hospital

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Unnecessary or inappropriate antibiotics are frequently prescribed in hospitals and pose a major challenge to public health as one of the leading causes of antimicrobial resistance (AMR), with its associated impact on morbidity, mortality, and costs. Hence, optimizing the use of antibiotics in hospital settings is crucial in reducing the burden of AMR. This Special Issue of *Antibiotics* aims to provide a forum to disseminate scientific contributions in order to improve our understanding of antibiotic use in hospital settings and of the complex relationship between healthcare professionals, patients, and contextual factors. I welcome contributions based on both qualitative and/or quantitative methods, and manuscripts from a broad spectrum of geographical, cultural, and clinical settings are especially encouraged. I would like to invite you to submit primary research articles as well as reviews of state-of-the-art research. All articles will be peer-reviewed to ensure that high-quality contributions are included in this Special Issue.





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Editor-in-Chief

Prof. Dr. Nicholas Dixon

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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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