

Special Issue

Pharmacist-Led Management of Antimicrobial Treatment

Message from the Guest Editors

Pharmacy practice in antimicrobial therapy is essential for optimising patient outcomes and addressing one of the greatest threats to health today: antimicrobial resistance. Pharmacists are key members of antimicrobial stewardship programs, ensuring rational and evidence-based antibiotic use. Hospital pharmacists collaborate with healthcare teams to select appropriate agents, considering pharmacodynamics and pharmacokinetics to target resistant pathogens effectively. Through interventions like audit and feedback, pharmacists enhance antimicrobial use, reducing hospital stays and costs. They promote guideline adherence, de-escalate therapy when possible, and prevent unnecessary prescriptions. Both hospital and community pharmacists educate patients on adherence and potential side effects, improving treatment outcomes. This Special Issue aims to highlight the evolving role of pharmacists in infectious disease management, emphasising strategies used to optimise therapy, contain resistance, and improve patient safety. We encourage our colleagues to explore the diverse roles pharmacists play in optimising antimicrobial therapy.

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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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