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Stewardship of Antibiotics for Multidrug-Resistant Gram-Negative Bacteria

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Message from the Guest Editors

Dear Colleagues,

In the last decades, multidrug-resistant Gram-negative bacteria (MDR-GNB) have represented an important threat.

Recently, some much awaited novel agents have become available, restoring our ability to effectively counteract some perilous infections due to these organisms. However, it remains imperative to administer novel agents thoughtfully and in line with antimicrobial stewardship principles, in order to: (i) delay the development of resistance to novel agents; (ii) delay the diffusion of resistance to novel agents.

The present special issue focuses on stewardship of both old and novel antibiotics for MDR-GNB infections. We especially encourage submission of original articles and reviews. However, case reports describing peculiar stewardship situations and decisions in patients with MDR-GNB infections will also be considered.

Keywords: antimicrobial resistance; MDR; antimicrobial stewardship; multidrug-resistant Gram-negative bacteria; Acinetobacter; Pseudomonas; Klebsiella; KPC; OXA; NDM; IMP; VIM; ESBL

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Guest Editors



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Special Issue



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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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