

Special Issue

Antibiotic Stewardship and Infection Control Strategies in Critical Care

Message from the Guest Editor

Antibiotic stewardship in Intensive Care Units (ICUs) is crucial for enhancing patient outcomes and combating antibiotic resistance. Patients in the ICU often have or acquire severe infections, making them vulnerable to the overuse and misuse of antibiotics. Effective stewardship programs promote the appropriate use of these medications. Despite the certain relevance of stewardship programs, there are still many knowledge gaps in this field: How should stewardship programs be implemented, and what would we aim for regarding infection control? What antibiotic strategies should be implemented in different ICUs to decrease antibiotic resistance? Are there differences between polyvalent ICUs and surgical, cardiac, or neurocritical ICUs? Is it possible to decrease antibiotic time in severe infections apart from pneumonia or secondary peritonitis, and how far can we go? These are just some of the questions requiring scientific answers. In this Special Issue, we will accept any outstanding article in this field. Together we will make a difference, improve stewardship practices in ICUs, and improve infection control.

Guest Editor

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Deadline for manuscript submissions

30 November 2025



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/219916

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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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