Special Issue

Antibacterial Resistance and Infection Control in ICU

Message from the Guest Editors

The increasing pressure of antimicrobial resistance (AMR) in healthcare-associated infections (HAIs), especially in critically ill patients, is one of the main challenging emergency issues to solve worldwide. The aim of this Special Issue is to examine all the possible strategies that might contribute to reducing antimicrobial resistance and allow the control of HAIs. You can give your contribution with an original article, a systematic review or meta-analysis, and review articles. The main topics are as follows:

- Epidemiology of healthcare-associated infections (HAIs).
- Infection control in the ICU.
- How can microbiology have an impact on antimicrobial resistance control?
- IVAC/VAP in the ICU—from prevention to treatment.
- Could we reach “zero” CR-BSI?
- SSI: where we are—do the bundles work?
- Management of intra-abdominal infection.
- Empirical treatment or semi-targeted therapy—what is the dilemma?
- Role of PK/PD in improving AMR control. How to optimize antibiotic therapy in critically ill patients.
- De-escalation—is it feasible in critically ill patients?
- When to stop antimicrobial therapy.
- Biomarkers and AMR.

Guest Editors

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Deadline for manuscript submissions

closed (20 October 2024)

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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 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.

Editor-in-Chief

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