



## Therapeutic Drug Monitoring of Antimicrobials in Critically Ill Patients

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### Message from the Guest Editor

Despite numerous therapeutic innovations, infection-related mortality in critically ill patients persists as a significant healthcare concern. Early initiation of antimicrobials is essential to improve the clinical outcomes of infections in critically ill patients. Additionally, correct dosage of antimicrobials is extremely important to ensure their adequate exposure. Therapeutic drug monitoring (TDM) is the most commonly recommended strategy to evaluate exposure and adapt dosing in critically ill patients.

This Special Issue welcomes all types of submissions (original research papers, short communications, reviews, case reports and perspectives) related to antimicrobial TDM in critically ill patients.





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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 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.

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