



Personalization of Antimicrobial Dosing in Special Patient Populations: A Mandatory Issue in the Era of Precision Medicine

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Message from the Guest Editors

In the era of precision medicine, optimizing drug exposure is an essential part of appropriate pharmacotherapy, as it may ultimately affect clinical outcomes. This is especially true for antimicrobials. Facing the current global crisis of antimicrobial resistance and the paucity of innovative drugs on the one hand and the emergence of new special population settings due to social and demographic changes on the other hand, attaining the optimal pharmacokinetic/pharmacodynamic target of efficacy with antimicrobials is becoming more and more challenging in everyday clinical practice.

In this Special Issue, some of the most eminent experts in their field will present and discuss the criticalities of optimizing antimicrobial exposure in a specific patient population, with the intent of offering practical indications for dosage optimization to clinicians.

- PK/PD optimization of antimicrobial therapy
- special population
- critically ill patients
- elderly patients
- obese patients
- oncohematological patients
- transplant patients





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Message from the Editor-in-Chief

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