



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

Guest Editors:

Prof. Dr. Federico Pea

Institute of Clinical
Pharmacology and Toxicology,
University Teaching Hospital of
Udine, P.le SM Misericordia, 3,
33100 Udine, Italy

Dr. Pier Giorgio Cojutti

Institute of Clinical
Pharmacology and Toxicology,
University Teaching Hospital of
Udine, P.le SM Misericordia, 3,
33100 Udine, Italy

Deadline for manuscript
submissions:

closed (10 July 2023)

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





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

Contact Us

Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma