



Antibiotics Treatment Optimization in Vulnerable Populations

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Message from the Guest Editors

Pharmacokinetic/pharmacodynamic studies allow new recommendations to be developed based on a patient's characteristics as well as clinical context and to move away from the 'one dose fits all' approach that seems to be more and more obsolete since the beginning of personalized medicine. In this Special Issue we aim to highlight new data that support new recommendations for antibiotic use to optimize care by ensuring that 'the right treatments are given to the right patient at the right dose and at the right time'.

Keywords

- antibiotics
- pharmacokinetics
- pharmacodynamics
- dose optimization
- vulnerable populations
- personalised dosing





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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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