

# Special Issue

## Featured Reviews in Pharmacokinetics and Pharmacodynamics of Antibiotics

### Message from the Guest Editors

The appropriate prescription of antibiotics relies on a thorough understanding of the pharmacokinetic (PK) and pharmacodynamic (PD) principles. When antibiotics are chosen optimally according to these principles, it is possible to achieve a tangible improvement in clinical outcomes and to minimize potential adverse effects. Moreover, the rational use of antibiotics is a cornerstone to reduce the development of antimicrobial resistance (AMR). Contributors are kindly invited to submit reviews including on PK/PD principles, clinical application of PK/PD in patient populations with altered drug disposition, as well as PK/PD analysis and modelling.

### Guest Editors

Dr. Piera Ceschi

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### Deadline for manuscript submissions

closed (31 October 2024)



## Antibiotics

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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 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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### Editor-in-Chief

Prof. Dr. Nicholas Dixon  
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