



Antibacterial Approaches to Reduce the Use of Antibiotics

Guest Editor:

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Deadline for manuscript
submissions:

closed (29 February 2024)

Message from the Guest Editor

Antimicrobial resistance (AMR) is a slow-moving pandemic and one of the leading causes of death worldwide. While bacterial resistance continues to increase with the ongoing misuse of antibiotics, limited treatment options remain available, yet very few new antibiotics are being developed. As such, novel non-traditional antibacterial approaches that would reduce the use of antibiotics are much needed. This Special Issue of *Antibiotics* encourages the submission of original research papers, short communications, reviews, case reports, and perspectives that concentrate on but are not limited to:

- Combination therapies;
- Vaccines;
- Bacteriophages;
- Immunomodulators;
- Host-targeted antibacterials;
- Non-medical approaches to limit antibiotic use;
- Gut microbiota modulation;
- Inhibitors of resistance mechanisms.

The candidate submissions for this Special Issue must be written in the context of reducing antibiotic use.





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Editor-in-Chief

Prof. Dr. Nicholas Dixon

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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 disciples 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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