



Bacterial Antibiotic Resistance

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Message from the Guest Editor

Antibiotics have made it possible to treat bacterial infections. Currently, at least 700,000 people worldwide die each year due to antimicrobial resistance (AMR). Without new and better treatments, the World Health Organization (WHO) predicts that this number could rise to 10 million by 2050, highlighting a health concern that is not of secondary importance.

In this Special Issue, we welcome the sharing of new insights into bacterial antibiotic resistance and control. We look forward to contributions in the form of Reviews, original research, and communications in the following areas:

- Mechanisms of bacterial antibiotic resistance.
- How bacteria acquire resistance.
- The main difficult-to-treat antibiotic-resistant pathogens.





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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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