



## Strategies and Weapons to Fight Antimicrobial Resistance

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### Message from the Guest Editors

The MDPI executive editors have invited us to edit a Special Issue of *Microorganisms* devoted to summarizing data and perspectives on the newest strategies and weapons to be used in fighting the worldwide problem posed by antimicrobial resistance. Pharmaceutical techniques, combinations of antibiotics, the use of antimicrobial peptides both natural or synthetic, the inhibition of efflux pumps, new combinations of old antibiotics, the use of nanotechniques, or the use of light and photosensitizers appear to be theoretically useful tools for the near future. Moreover, a deeper knowledge of the mechanisms of both antibiotic action and resistance should constitute the basis for further developments. Theoretical chemistry and modeling may greatly contribute to this objective. The main purpose of this Special Issue is to present the state-of-the-art on this topic.

Deadline for manuscript  
submissions:

**closed (30 April 2019)**





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## Editor-in-Chief

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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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