



## Antimicrobial Peptides Fighting against Bacterial Infections

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### Message from the Guest Editors

Dear Colleagues,

Nowadays, antibiotic resistance is rising to dangerously high levels in the entire world as microorganisms develop new resistance mechanisms that are emerging and spreading globally. In order to find and develop new strategies to fight bacterial infections, antimicrobial peptides (AMPs) represent a viable option.

This Special Issue welcomes research articles and reviews that cover the latest experimental and computational works, syntheses, mechanistic understanding and applications, and any biological activities related to the therapeutic potential of antimicrobial peptides, with the final aim of developing new agents for the treatment of bacterial infections.

**Keywords:** antibiotic resistance; antimicrobial peptides; antibacterial peptides; bacterial infection; multidrug-resistant bacteria; peptide structure; bioinformatics





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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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