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The Antimicrobial Peptides and Their Therapeutic Potential

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Message from the Guest Editor

Dear Colleagues,

The Special Issue of this journal, titled "The Antimicrobial Peptides and Their Therapeutic Potential", explores the critical role of antimicrobial peptides (AMPs) and their promising therapeutic applications. AMPs are naturally occurring molecules that play a pivotal role in the innate immune system, defending against various pathogens, including bacteria, viruses, and fungi.

This Special Issue delves into the multifaceted aspects of AMPs, encompassing their mechanisms of action, structural diversity, and their ability to combat drug-resistant microbes. Furthermore, it highlights the potential of AMPs in developing novel treatments for infectious diseases, offering a ray of hope in the battle against antibiotic resistance. Contributions in this Special Issue will discuss the latest research findings, clinical trials, and innovative strategies for harnessing AMPs' therapeutic potential. By shedding light on the remarkable properties and applications of these peptides, this collection of articles seeks to advance our understanding of AMPs and pave the way for novel antimicrobial therapies, addressing one of the most pressing challenges in modern medicine.



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Special Issue



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