



## Antimicrobial Peptides: Therapeutic Potentials

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Deadline for manuscript  
submissions:

**closed (30 September 2020)**

### Message from the Guest Editor

Dear Colleagues,

Antimicrobial peptides (AMPs) have been recognised for their ability to kill multidrug resistant bacteria and do not easily induce resistance, two features that makes them very attractive as drug candidates. In addition, the overall peptide drug market is steadily growing, from US\$18.9 billion in 2013 to US\$23.7 billion in 2020. This has led to improved scale up technologies and new large-scale GMP facilities and innovative drug administration regimes. Supported by the price increase for novel antimicrobials and the “ready to use” technology, antimicrobial peptides can become a viable option for urgently needed new antimicrobial drugs. In the last two decades of AMP research, it became clear that these molecules have multiple biological activities, like antimicrobial, antiparasitic, anticancer and immunomodulatory. In the same time period, multiple targets of AMPs for their antibacterial activities were discovered.

In this Special Issue, we invite you to send contributions concerning any biological activities related to the therapeutic potential of antimicrobial peptides, including direct and indirect modes of action.

Dr. Kai Hilpert  
*Guest Editor*





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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