

## Special Issue

# Antimicrobial Peptides: Discovery, Design and Novel Therapeutic Strategies 2019

### Message from the Guest Editors

In the past several decades, antimicrobial peptides have emerged as valuable therapeutic agents with a wide range of applications. They have been isolated from natural sources or obtained using chemical methodologies. Synthetic antimicrobial peptides can be designed through the modification of natural sequences or by using de novo design strategies. The latter approach is usually based on the structural features of antimicrobial peptides described to be crucial for their mechanism of action. The efforts devoted to this research have resulted in peptides with interesting properties that have led to advances in fields with high social impact, namely agriculture, medicine, veterinary medicine, and the food industry.

The aim of this Special Issue is to gather original research articles focused on all aspects of antimicrobial peptide chemistry and biology: isolation and characterization, design of new analogues, synthetic methodologies, mechanistic studies, and biological applications.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2020)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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