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Antimicrobial Peptides

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 August 2014)

Message from the Guest Editor

Dear Colleagues,

This issue of *Antibiotics* is dedicated to the topic of antimicrobial peptides (AMPs), which are now recognized as important mediators of innate defense against microbial infections. Primary research manuscripts and review articles dealing with AMPs that emphasize their structure-function, biosynthesis and regulation, evolution, contribution to host defense, immune-modulatory activities, contributions to the pathophysiology of diseases, development of AMPs as therapeutic agents or mechanisms of action, as well as systems used by microbes to resist their antimicrobial action and how such resistance contributes to microbial pathogenesis, are invited. Submitted manuscripts will be peer-reviewed to ensure that the issue contains high quality contributions. Collectively, this issue will provide the readership with the most up-to-date information on AMPs.

Dr. William M. Shafer

Guest Editor



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Special Issue



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Editor-in-Chief

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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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