Special Issue

Food Safety through Antimicrobials Strategies

Message from the Guest Editors

Access to healthy and fresh food is necessary to promote sustainable and good health. Unsafe foods, which are usually toxic in nature, are the cause of numerous foodborne illnesses. These foodborne illnesses are caused by bacterial, viral, or fungal pathogens or chemical substances entering the body through contaminated food. These food safety issues are further exacerbated by a lack of food safety knowledge and appropriate treatment measures.

Many antimicrobials have been developed; however, the existence of antimicrobial-resistant pathogens including persister cells, spores and biofilms has made it difficult to eliminate these pathogens from the food chain. The major interest of food industry stakeholders lies in antimicrobial resistance in the food chain supply.

This Special Issue will promote the development of new antimicrobials and provide insights into latest developments in antimicrobial strategies in food-safety-related research. This Special Issue seeks manuscript submissions that help us to better understand antimicrobial resistance and improve our antimicrobial strategies and research to scale up food safety globally.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2024)

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About the Journal

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.

Editor-in-Chief

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