



Antimicrobials and Antimicrobial Resistance in Foodborne Pathogens

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Message from the Guest Editors

Dear Colleagues,

Bacterial foodborne pathogens are responsible for millions of cases of illness and hundreds of thousands of deaths each year. Wide dissemination of resistant strains make food safety a global challenge for the world. To control the situation, it is necessary to keep monitoring antibiotic-resistant strains among foodborne pathogens, look for new compounds and/or other treatment methods with a broad spectrum of antimicrobial activity that prevent food contamination, and find ways of improving the effectiveness of the methods in use.

The aim of the Special issue is to provide an updated view on these subjects. The topics include but are not restricted by dissemination and mechanisms of antibiotic resistance among foodborne pathogens; new antimicrobials or improved versions of known ones applicable for the therapy of foodborne infections, food preservation or elimination of pathogens at food plants; developing technologies used for decontamination of food products and plants including physical methods of treatments. Various submission types are all welcomed.

Keywords: foodborne pathogens; resistant strains; antimicrobial resistance; food preservation technologies





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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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