Special Issue

Antimicrobial Resistance of Foodborne Bacteria and Food Safety

Message from the Guest Editors

Foodborne microbes have a substantial impact on food safety and are the worldwide source of many infectious diseases that affect humans, having a negative effect on both public health and the economy. Bacteria have many benefits for surviving in biofilm growth under a wide range of circumstances. These include host immunological systems, desiccation, UV degradation, and nutritional and mechanical stresses. They also include defenses against antibiotics and antimicrobial drugs. Many of these defense strategies are emerging characteristics that are unique to the biofilm phenotype. This Special Issue will explore the diagnosis and treatment of various biofilm diseases, outline recent advancements in scientific research, and introduce new laboratory developments that may help with the prevention or treatment of biofilm infections.

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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.

Editor-in-Chief

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