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Antimicrobial Resistance in Food-borne Pathogens

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

Antimicrobial resistance (AMR) in bacteria represents a major challenge for public health. The use of antibiotics in livestock and agriculture is known to have contributed to the emergence of AMR. AMR food-borne pathogens in food-producing animals can spread to humans via consumption of contaminated food or water, and direct contact with animals. Additionally produce (fruits and vegetables) and other plant-based foods can get contaminated by AMR food-borne pathogens during farming and processing and may bear a risk for AMR transfer to humans.

This Special Issue aims to collect multidisciplinary research related to the possible emergence, spread and transfer of AMR in the food chain. The papers in this issue will constitute a valuable knowledge reservoir for scientists working in the field of AMR.

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Editor-in-Chief

Prof. Dr. Nicholas Dixon
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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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