Special Issue

Epidemiology and Surveillance of Foodborne Pathogens and Antimicrobial Resistance

Message from the Guest Editors

Foodborne pathogens continue to be a major public health issue, especially due to the increasing antimicrobial resistance in pathogens commonly transmitted by food. Surveillance of antimicrobial resistance bacteria permits the early detection of resistant strains, the identification of outbreaks and the implementation of public health measures. Surveillance data are also important for informing clinical therapy decisions. The present Special Issue aims to address the variability of surveillance methods used (in humans and animals) and to summarize the most recent evidence on the evolution of antimicrobial resistance of foodborne pathogens, such as *Campylobacter* spp., *Salmonella* spp., Yersinia enterocolitica, pathogenic *Escherichia coli* and *Listeria monocytogenes*. Finally, papers written under the prism of One Health, combining data from different data sources (human, food and animal), are welcomed, in order to have a more holistic view of the resistance of foodborne pathogens in different parts of the food chain. If serious foodborne outbreaks occur during the preparation period of this Special Issue, they are also welcomed to be presented.

Guest Editors

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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.

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