



Epidemiology and Surveillance of Foodborne Pathogens and Antimicrobial Resistance

Guest Editors:

Dr. Georgia Mandilara

Department of Public Health
Policy, School of Public Health,
University of West Attica, 115 21
Athens, Greece

Dr. Kassiani Mellou

Directorate of Epidemiological
Surveillance for Infectious
Diseases, National Public Health
Organization (EODY), 15123
Athens, Greece

Deadline for manuscript
submissions:
closed (15 April 2022)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and
Molecular Bioscience, University
of Wollongong, Wollongong, NSW
2522, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (General Pharmacology, Toxicology and Pharmaceutics)

Contact Us

Antibiotics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/antibiotics
antibiotics@mdpi.com
X@antibioticsmdpi