



## Updates on Major Food-Related Pathogens: Antimicrobial Treatment, Drug Resistance, Inactivation, and Related Diseases

Guest Editor:

### Dr. Ramon Silva Rocha

1. Department of Food, Federal Institute of Rio de Janeiro (IFRJ), Food Department, CEP 20270-021 Rio de Janeiro, RJ, Brazil  
2. Food Department, Federal Fluminense University (UFF), Niterói, RJ, Brazil

Deadline for manuscript submissions:

**15 September 2024**

### Message from the Guest Editor

Pathogenic microorganisms are a significant concern for the food industry, as they can generate severe damage to consumer health and economic losses to industries. In food processing, there is often a conducive environment for microbiological development.

In this way, strict control of all processing steps is necessary, as well as control of transport and storage steps. Using technologies and processes to eliminate pathogenic microorganisms is essential to ensure food safety. In addition, the identification of pathogenic microorganisms that can contaminate the product is vital to having a quality product.

This Special Issue entitled Updates on Major Food-Related Pathogens: Antimicrobial Treatment, Drug Resistance, Inactivation, and Related Diseases aims to gather manuscripts to clarify the main pathogens associated with food, their health complications, ways of acting, and technologies or processes applied to the elimination of pathogenic microorganisms in food.





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