# Special Issue

# Antibiotic Resistance in Foodborne Bacteria

## Message from the Guest Editor

This Special Issue welcomes original, high-quality papers (research articles/reviews/short communications) on topics related to antibiotic resistance in foodborne bacteria. There will be a particular focus on topics including pathogenic microorganisms present in food, antimicrobial resistance (AMR), antibiotic resistome, horizontal gene transfer that can lead to the genetic exchange of antimicrobial resistance genes (ARGs) between bacteria, whole genome sequencing (WGS) analysis, and one health approaches for the control of antimicrobials disseminated in food. Similarly, we also welcome manuscripts pertaining to food safety and alternative practices and approaches to prevent or reduce the emergence of drug-resistant bacteria. We look forward to your contribution. Keywords

- antimicrobial resistance in food
- pathogenic microorganisms
- foodborne bacteria
- antibiotic resistome
- intrinsic resistance
- acquired resistance
- vancomycin resistant—VRE
- methicillin resistant—MRSA
- □-lactam antibiotics
- one health approach

## Guest Editor

Prof. Dr. Jeverson Frazzon
Department of Food Science, Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil

## Deadline for manuscript submissions

closed (31 January 2024)

**Microorganisms**

**an Open Access Journal by MDPI**

**Impact Factor 4.2**
**CiteScore 7.7**
**Indexed in PubMed**

mdpi.com/si/125240

*Microorganisms*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

mdpi.com/journal/microorganisms

# Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/journal/microorganisms

# About the Journal

## Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

## Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

## Author Benefits

**High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

**Journal Rank:**

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

**Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).

MDPI