

# Special Issue

## Food- and Waterborne Pathogens: Epidemiology, Genomics, Virulence, and Resistance Profiles, 2nd Edition

### Message from the Guest Editors

This Special Issue aims to better understand the epidemiology, ecology, genomics, virulence, and transmission mechanisms of resistance markers of some of the most important food- and waterborne pathogens, covering the following topics:

- Food- and waterborne bacterial pathogens (*Campylobacter*, *Salmonella*, *Yersinia*, *E. coli*, *L. monocytogenes*, *Shigella*, *Vibrio*, *S. aureus*, and others);
- Food- and waterborne viral pathogens (Hepatitis A, Norovirus, and others);
- Food- and waterborne parasites (*Gondii*, *T. spiralis*, *Cryptosporidium*, and others);
- Virulence factors and mechanisms of infection;
- Antimicrobial resistance;
- Mobile genetic elements;
- Persistence and biofilms;
- Whole-genome sequencing;
- Public health and epidemiology;
- Influence of environmental changes in gene expression;
- Animal health;
- Food safety;
- Water quality;
- The prevention and control of food- and waterborne pathogens.

### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



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## 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.

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### Editor-in-Chief

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

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).