



Food and Water-Borne Pathogens: Epidemiology, Genomics, Virulence and Resistance Profiles

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Message from the Guest Editors

We are pleased to invite you to submit your original research manuscripts to this Special Issue.

Food- and water-borne infections cause a major economic burden, having a great impact on food safety, human and animal health worldwide. These infections are widely spread through the consumption of food and/or water contaminated by bacteria or their toxins, parasites, and viruses.

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*, *coli*, *L.monocytogenes*, *Shigella*, *Vibrio*, *S. aureus*, among others);
- Food- and waterborne viral pathogens (Hepatitis A, Norovirus, among others);
- Food- and waterborne parasites (*gondii*, *T.spiralis*, *Cryptosporidium*, among others);
- Virulence factors and mechanisms of infection





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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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