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Waterborne Pathogen Infection and Antibiotic Resistance

Guest Editor:

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Message from the Guest Editor

Water can harbor germs that threaten the safety of patients and spread antibiotic-resistant pathogens or healthcare-associated infections (HAIs). Waterborne infections cause a major economic burden, having a great impact on food safety, and human and animal health worldwide. These infections are widely spread through the consumption of food and/or water contaminated by bacteria and their toxins, parasites, and viruses. This Special Issue aims to better understand the epidemiology mechanisms of resistance markers of some of the most important waterborne pathogens, covering the following topics:

- Waterborne bacterial pathogens (*Campylobacter*, *Salmonella*, *Yersinia*, *E. coli*, *L. monocytogenes*, *Shigella*, Vibrio, *S. aureus*, among others);
- Waterborne viral pathogens (Hepatitis A, Norovirus, among others);
- Water quality;
- Prevention and control of waterborne pathogens;
- Antibiotic resistance of waterborne diseases.

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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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