



Antibiotic Resistance of Aeromonas: A One Health Perspective

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Message from the Guest Editors

We invite you to submit an article to a Special Issue of the journal *Microorganisms* focused on 'Antibiotic Resistance of Aeromonads: A One Health Perspective'. As you are aware, antibiotic resistance continues to be a leading global health problem, threatening the successful treatment of common microbial infections and placing a heavy economic burden on society. The One Health component acknowledges the interconnection between humans, animals, and the environment and their effect on the emergence, spread, and evolution of antimicrobial resistance. Aeromonads are a group of Gram-negative, facultative anaerobic, oxidase-positive, glucose-fermenting bacilli that thrive in a variety of ecosystems. Importantly, aeromonads can bridge these clinical and non-clinical ecosystems thriving in aquatic and terrestrial ecosystems where they can colonize and be pathogenic to warm- and cold-blooded species. Thus, aeromonads can be used as an indicator species to investigate antibiotic resistance in its ability to serve as a reservoir of antimicrobial resistance genes capable of horizontal gene transfer to other microbial species as well as its ability to cause clinical disease.





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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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