



Antibiotic Resistance of Aeromonas: A One Health Perspective

Guest Editors:

Dr. Troy Skwor

Department of Biomedical
Sciences, College of Health
Sciences, University of Wisconsin-
Milwaukee, Milwaukee, WI 53211,
USA

Prof. Sabiha Essack

University of KwaZulu-Natal

Deadline for manuscript
submissions:

closed (31 October 2021)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Toxicology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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))

Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/microorganisms
microorganisms@mdpi.com
X@Micro_MDPI