

Special Issue

Emerging Trends of Antimicrobial Resistance in Aquatic Environments

Message from the Guest Editors

Antimicrobial resistance is among the top ten threats to global health due to the high morbidity and mortality rates and economic impacts associated with loss of life and treatment costs. Today, antibiotic-resistant bacteria are no longer restricted to hospital environments and have already reached different environmental compartments. Among them, aquatic matrices stand out for their wide-ranging capacity to favor the spread of these microorganisms, as well as for providing favorable conditions for their replication and gene exchange. This Special Issue, "Emerging Trends of Antimicrobial Resistance in Aquatic Environments", in *Tropical Medicine and Infectious Disease* aims to bring together robust scientific evidence that elucidates the occurrence rates of antibiotic-resistant bacteria (and other antimicrobials) in different aquatic matrices, as well as highlighting the dynamics of antibiotic resistance gene transfer. Studies related to the critical priority pathogens listed by the WHO and bacterial resistance to last-resort antibiotics will be very welcome.

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