Special Issue

Detection and Epidemiology of Vector-, Food- and Water-Borne Pathogens with a Focus on One Health Approaches

Message from the Guest Editor

Vector-, food- and water-borne diseases are responsible for some of the most pronounced morbidity burdens in humans across the world. During the past few decades, there have been extensive developments in new methods for detecting these pathogens, which have improved our understanding of their transmission and epidemiology. At the same time, new pathogens have been emerging and often as a result of changes in the environment or local animal populations. In order to be better prepared for the public health impact of existing and new diseases, it is important to utilize detection and monitoring methods that account for a variety of aspects related to animal and human populations as well as the environment. The aim of this Special Issue is to present recent research on the detection and epidemiology of vector, food- and water-borne diseases, with a particular emphasis on One Health approaches, i.e., considering different factors that impact how a specific pathogen is detected, transmitted, or distributed. We encourage the submission of research articles and review articles related to this topic.

Guest Editor

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"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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