Special Issue

Prevention and Control of Zoonotic Pathogen Infection

Message from the Guest Editor

Zoonotic pathogens have always been a major threat to global public health and food production. Many factors, including geographic demographics, the environment, and social characteristics such as the indiscriminate and higher use of antibiotics in animal husbandry, combine to promote the spread of zoonotic diseases. In terms of bacterial zoonotic pathogens, the emergence and extensive spread of multidrug-resistant bacteria of animal origin has alerted us to the dangers of the use of antibiotics in animals worldwide. At present, research in the medical and veterinary fields is committed to effectively controlling the spread of zoonotic pathogens, interfering with the pathogenic process, and curbing the development of antibiotic resistance. In this Special Issue, relevant original research articles and reviews focusing on the zoonotic bacterial infection, pathogenesis, prevention and control, the mechanisms of antibiotic resistance, and other strategies to contain the development of antibiotic resistance are welcome, especially those closely linking the findings and practical applications.

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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