Special Issue

Viral Infection on Swine: Pathogenesis, Diagnosis and Control

Message from the Guest Editor

Viruses are an important research subject worldwide because of their serious threat to the swine industry. A lack of knowledge of the mode of variation and transmission of the swine viruses makes it difficult to fight the infection and develop effective vaccines. The epidemic potential of viruses is a result of the high variability of their genome and is correlated with their proliferation and pathogenicity. In the fight against porcine infectious diseases, research indicating the mechanisms by which viruses occur, with mutation and virulence increasing, their adaptability, efficient diagnosis and surveillance is extremely important. Accurate characterization of novel variants with possibly increased virulence and epidemic potential are also critical. We are pleased to invite you to submit articles describing and discussing the latest data on the viral infection on swine pathogenesis, diagnosis and control. It will be useful for the determination of potential antiviral therapies within viral genomes, as well as for designing and developing novel vaccines.

Guest Editor

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Deadline for manuscript submissions

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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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