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Recent Advances of Swine Viral Disease Research in China: Epidemiology, Virus-Host Interactions and Control

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Message from the Guest Editors

China has the largest pig industry and is the biggest consumer of pork products around the world. In the past few decades, endemic and emerging swine viral diseases such as African swine fever virus (ASFV), classical swine fever (CSFV), pseudorabies virus (PRV), porcine reproductive and respiratory syndrome virus (PRRSV), porcine epidemic diarrhea virus (PEDV), porcine deltacoronavirus (PDCoV), porcine circovirus 4 (PCV4), swine acute diarrhea syndrome coronavirus (SADS-CoV), and foot-and-mouth disease virus (FMDV) have resulted in huge economic losses in China. To date, Chinese scientists have achieved great progress in preventing and controlling swine viral diseases. This Special Issue has thus been set up with the goal to share knowledge and experience in the aforementioned research fields in China.

This special issue will cover the following topics of interest for the understanding of the biological characteristics of the viruses: epidemiology, viral genetic diversity and evolution, new serological/molecular diagnostics, virus structure, virus–cell interactions, vaccines and antivirals, and control and prevention measures.



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Special Issue



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Message from the Editor-in-Chief

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