



Veterinary Viral Infections and Host Immune Responses

Guest Editor:

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Message from the Guest Editor

In terms of host response concerns, we still need to acquire a greater understanding of swine immune responses against viral pathogens. Indeed, not much is known on swine immune responses against each viral infection. The ability to conduct rapid diagnosis via point-of-care testing (POCT) systems using molecular and/or humoral techniques will be very important. Vaccines with new platform such as viral vectors, DNA/mRNA, and subunits will be crucial in the development of the swine industry. We must still extensively develop our techniques in this area and continue to share information.

This Special Issue aims to collect reviews and research articles focusing on:

- (i) new diagnostics
- (ii) well-established viral pathogenesis and gene function
- (iii) innovative technologies in drug discovery for highly pathogenic viruses
- (iv) new vaccines and antivirals
- (v) zoonosis





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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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