

Special Issue

PRRSV: Vaccinology and Immunology

Message from the Guest Editor

Porcine reproductive and respiratory syndrome virus (PRRSV) is an enveloped, positive-stranded RNA virus, which belongs to the order *Nidovirales*, family *Arteriviridae*, which is a major economically significant pathogen that has adversely impacted the global swine industry for almost 30 years. The immune features of PRRSV infection in the host include persistence viremia, a strong inhibition of innate cytokines, dysregulation of NK cell function, rapid induction of non-neutralizing antibodies, *et al.* Multiple vaccines have also been developed. However, the prevalence of PRRSV infection in swine herds is still high. Which way may be useful for preventing PRRSV infection? Keywords

- PRRSV
- nidovirales
- vaccine
- immune

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