



PRRSV Vaccinology and Immunology

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Message from the Guest Editors

Almost 30 years have elapsed since the first PRRSV strain was successfully isolated and propagated in cell culture. Much has been learned about the virus' biology and pathogenesis, and its interaction with the host. A number of vaccines against PRRSV have been made available. Regional efforts to eradicate the virus from the swine herds have been attempted. Despite this significant progress, PRRSV remains one of the most economically important viral pathogens affecting swine production worldwide.

The scope of this Special Issue focuses on the recent findings on the efficacy of PRRS vaccines under experimental and production conditions, the influence of vaccines on virus transmission and evolution within a swine herd, the host immune response to a wild-type virus infection or vaccination, and the rationale of the design of a new generation of vaccines with improved levels of safety and efficacy.





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Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

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