

Special Issue

Porcine Virus and Vaccines

Message from the Guest Editor

Viruses may affect different systems of porcine, e.g., the gastrointestinal system, respiratory system, reproductive system, central nervous system, and heart, resulting in various porcine diseases. The virus causes serious losses to swine production every year, such as the African swine fever virus (ASFV), porcine epidemic diarrhea virus (PEDV), and porcine respiratory and reproductive dysfunction syndrome virus (PRRSV). It is an important measure for disease prevention to study the pathogenic mechanism of viruses and develop targeted vaccines. New immune adjuvants and optimization of administration routes may affect the immune effect of porcine vaccines. This Special Issue will gather the latest advances in porcine viruses and their vaccines. Potential topics for this Special Issue include but are not limited to the following:

- Discovery and virulence identification of a new porcine virus;
- Immunosuppressive or pathogenic mechanism of a porcine virus;
- Development of a new porcine virus vaccine;
- Immunological assessment of a porcine vaccine;
- Immune adjuvants for a porcine vaccine;
- Optimization of administration route and/or formula in a porcine vaccine.

Guest Editor

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Deadline for manuscript submissions

closed (25 October 2024)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Ger Rijkers

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).