



viruses



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State-of-the-Art Livestock and Poultry Coronaviruses Research in China

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Message from the Guest Editors

Coronavirus, especially SARS-CoV-1, MERS-CoV, and SARS-CoV-2, has had a great impact on global public health, but it has also caused huge problems for the livestock and poultry industry, such as PEDV in swine. So far, there is still a lack of effective drugs for the treatment of livestock and poultry coronavirus, and the mechanism of its infection is not well understood. At present, viruses frequently spread across animal–human species, so we should pay more attention to the research on livestock and poultry coronaviruses.

This Special Issue mainly focuses on the virus replication mechanism, exploration of drug therapy, epidemiology, evolution, and transmission of virus, and bioinformatic analysis of coronavirus. Our aim is for this Special Issue to combine wet and dry research work on livestock and poultry coronavirus and to help us to find an efficient way to treat livestock and poultry coronavirus mediated disease and find an appropriate gene substrate for vaccine design to control the disease.



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Special Issue



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Message from the Editor-in-Chief

- *Viruses* (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material

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