

Special Issue

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

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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Deadline for manuscript submissions

closed (30 April 2022)



Viruses

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