

Special Issue

Studies of Swine Coronavirus

Message from the Guest Editors

Coronavirus is a single-stranded, positive-stranded RNA virus with a capsid structure. Swine coronaviruses are highly contagious and can cause acute gastroenteritis in pigs, primarily in newborn piglets. In addition, coronaviruses cause clinical manifestations of diarrhea, vomiting, dehydration, and other symptoms (some of which can cause neurological symptoms) in pigs. Pig coronaviruses lead to the widespread death of piglets and significant economic losses in the pig industry. The mechanism of coronavirus pathogenesis remains unclear. The primary objective of this Special Issue is to collect the latest research on porcine coronavirus, infection statistics, disease prevention and control of pig coronaviruses, progress in vaccine development, comparison of and improvement in relevant disease prevention and control measures, advanced biosecurity measures, effective vaccine prevention and control statistics, etc. The aim is to provide new insight for researchers from different countries.

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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