

Special Issue

Pathogenesis of Human and Animal Coronaviruses

Message from the Guest Editor

Coronaviruses are pathogens of humans and animals of agricultural and veterinary importance. Prior to 2003, a number of coronaviruses were known to cause severe diseases in animals, whilst human coronaviruses were typically associated with mild respiratory illnesses. This changed with the zoonotic transmission of the potentially fatal severe acute respiratory syndrome coronavirus (SARS-CoV) and Middle East respiratory syndrome coronavirus (MERS-CoV) to humans.

Moreover, the emergence of swine acute diarrhoea syndrome coronavirus (SADS-CoV) and currently, a novel human coronavirus (2019-nCoV) in China, that has resulted in fatalities, highlights the risks of highly pathogenic coronaviruses to human and animal health. Coronavirus pathogenesis is understudied, but must be comprehensively understood if coronavirus infections are to be prevented and managed. This Special Issue seeks all types of manuscripts on coronavirus-host interactions that lead to highly pathogenic infections of human and animals.

Guest Editor

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Deadline for manuscript submissions

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