

REVIEW ARTICLE

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nCORONAVIRUS

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ABSTRACT

Novel coronavirus (nCoV) is one of the most common causes of respiratory tract infection throughout the world. Coronaviruses, a genus of the Coronaviridae, are enveloped single positive-stranded RNA viruses, which have the largest viral genome (26-33kb) among the RNA viruses. nCoronaviruses cause a variety of diseases in mammals and birds ranging from enteritis in cows and pigs and upper respiratory disease chickens to potentially lethal human respiratory infections. Here we provide a brief introduction to coronaviruses discussing their replication and pathogenicity, and current prevention and treatment strategies. We will also discuss the outbreaks of the highly pathogenic Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) and the recently identified Middle Eastern Respiratory Syndrome Coronavirus (MERS-CoV). We also quoted.

Keywords: nCoronavirus, positive-stranded RNA viruses, SARS-CoV, MERS-CoV

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