

The current global pandemic is caused by the “novel coronavirus disease (2019-nCoV) or severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) popularly known as COVID-19 disease” originated in the city of Wuhan in Hubei Province, China, during December in 2019. The virus quickly spread throughout the world. Many countries reacted too late to implement preventive measures leading to a sudden upsurge in the number of cases worldwide. Genomic analysis of the virus SARS-CoV-2 was found to be phylogenetically similar to other bat originated coronaviruses like SARS-Cov-1 and MERS-CoV, thereby confirming that bats are the primary reservoir of the virus, however, the intermediate source of origin and its transfer to humans is not yet known [4,42]. As of July 5, 2020, there is no clinically approved antiviral drug treatment or vaccine available to be used against COVID-19, however, in the month of July 2020 certain organizations worldwide are claiming to be working on a vaccine to treat the novel coronavirus. Drugs like Remdesivir (GS-5734) and Dexamethasone are being evaluated in late-stage clinical trials but have not been approved anywhere. The transmission of COVID-19 is confirmed to be through human to human interactions [21], the maximum amount of viral load shedding is done by symptomatic carriers, however, there are confirmed cases of asymptomatic carriers also transmitting the disease [4].