

**Mini Review**

Evolutionary-scientific-cure[Esc.]:Part 1. Corona virus disease [CVD]

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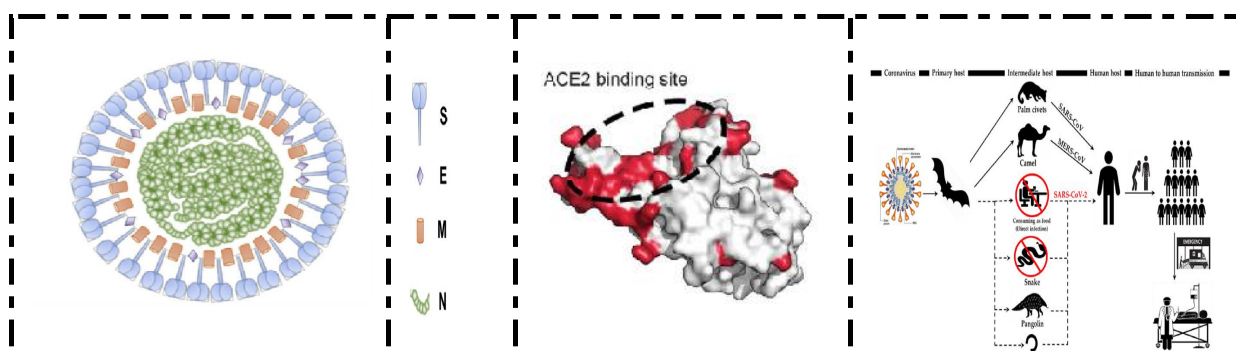
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(Dedicated with profound respects to Dr P V Krishna Rao, former professor of Chemistry, Andhra University on his eightieth birth anniversary)

ABSTRACT

Corona virus (Cov) has a single stranded RNA genome in the nucleus. SARS-Cov-2 is the cause of pandemic this year infecting five million people spread all over the world during last four months. In spite of emergence measures, the death toll crossed three lakhs of infected ones. This virus enters human cell through ACE-2 with higher transmission rate and stronger binding compared to earlier SARS-Cov (Severe acute respiratory syndrome), which resulted in an epidemic in early 2000s. The virus infects well-differentiated human airway epithelial cell lines in vivo. The common clinical symptoms of COVID-19 (COrona VIRUS Disease-19 or 2019) are fever, cold and dry cough, but leads to emergency for patients with severe infection or those suffering with comorbidities. Remdesivir is now in use with emergency authorization of FDA along with symptomatic treatment. Social distance and change of life style at work place are the measures for diminishing the spread of dreaded infectious disease. The research on specific new drugs, vaccines along with repurposing existing medicines is now a priority domain.

Graphical Abstract

Keywords: Corona virus- SARS-COV-2, COVID-19, Pandemic, Remdesivir, Social distance.
