

THE SLEEPING BEAUTY – WAKING UP WITH CONFIDENCE

Sowmya Naga Dogiparthi

ABSTRACT: The ongoing coronavirus disease 2019 (COVID-19) pandemic, since its first emergence in China in December 2019 from SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) infection, caused more than 100 million people sick with 21.66 lakhs deaths globally, as of January 28, 2021. The highly infectious Betacoronavirus, SARS-CoV-2, replicates in the upper respiratory system at the disease initial stage (causing mild or asymptomatic COVID-19 in most cases), followed by immunopathological stage of inflammatory response to SARS-CoV-2 infection causing severe/critical COVID-19 with cytokine storm (a stage with substantial elevation of serum pro-inflammatory cytokines levels) and ARDS (acute respiratory

distress syndrome) and multiple organ failure (majorly lungs, as well as heart, liver and kidney). However, no specific drug or vaccine is available to effectively combat the COVID-19 pandemic that devastated the most vulnerable (people of old age, or with medical conditions). Vaccine is therefore urgently required to prevent SARS-CoV-2 transmission, and deaths due to COVID-19. This communication thus stands for analysis (based on the available published information) with an update of the vaccines (including the S glycoprotein targeted vaccines) that are in the pipeline of rapid pace of COVID-19 vaccine development. .

Biography:-

DR Sowmya Naga Dogiparthi is a Associate Professor at Shri Satya Sai Medical College and Research institute, Tiruporur Chennai, Consultant at Apollo Hospitals, Chennai. She runs her own clinic; Dermipure Dermaclinic. She completed her MBBS and MD DVL from Sri Ramachandhra University in Chennai. After completing MD in 2014, She joined for fellowship in cosmetology at Stanley Medical College Chennai and also did fellowship in Aesthetic Medicine from Germany. She started her career as a Dermatologist/ Cosmetologist in the year 2016. She has presented multiple papers in both in National and International conferences. She has written many articles in magazines and has multiple publications in both national and international journals. She completed Diploma in Medical Micropigmentation in 2019, in order to help those suffering with long term Vitiligo. She authored a chapter in Dermatology text book. She has also presented her views on COVID 19 and skin in Kalaingnar TV during the first wave of Pandemic in April 2020. She speaks English, Telugu, Tamil and Hindi.

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Citation: Sowmya Dogiparthi; *Surgery and Cosmetology; Cosmetology 2021; May 29, 2021, UAE*

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