

Advanced technology could point the path toward a remedy for covid-19

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Abstract

The COVID-19 has elicited as a universal pandemic demonstrating severe health hazards to public healthiness. There are no vaccines or medications ready for the illness. The sickness is inspired by the new virus SARS-CoV-2. In echo to SARS-CoV-2 viral contagion, the steward immune system becomes extremely active herewith liberating a major number of pro-irritant cytokines and leading to "cytokine storm" is accountable for critical pulmonary injury and emergence of acute respiratory distress syndrome. WHO requests for insistent, offensive acts to battle the virus. Thus, there is a pressing necessity for a secure and effective medication for critically sick cases. Therefore research is in progress to evolve modern remedies that could aid infected cases in the meanwhile. So, any therapy that could diminish condition death by mitigating serious COVID-19 and quicken the cure of critically sick cases is in big demand, with developed mesenchymal stem cell (MSC) therapeutics holding pledge to achieve such requirement. The US Food and Drug Administration newly gave the permission to sympathetic utilize of MSC intravenous infusions in cases with a highly sad prediction. Nanotechnology could supply developed natural materials which can originate a Nano scale extracellular environment eligible of boosting the cohesion and propagation of stem cells and speeding stem cell discrimination in a planned style and also could transfer stem cells to the lung. I am optimistic my intellect has inclusions for the evolution of a modern remedy for the curative of such unmatched pandemic.

Biography:

Laila Montaser served as Chair, Founder leader of Clinical Pathology Department Menoufia Faculty of Medicine. She is uniquely trained and has a philosophy on how to manage research. She is an Honorable Editorial Board Member for many International Journals. Montaser's distinguished career as a Prof, and researcher who had an enormous international impact selected her for three times at 1986, 1998, and 2002 by Council of Menoufia University to Award of "Ideal Doctor" from Egyptian Medical Syndicate and also nominated to two major awards: TWAS prize in Medical Sciences and Nano Science Research Excellence due to her scientific achievements worldwide.

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