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Apr 21, 2021 · **Cell-Based Therapy** Under Evaluation for the Treatment of **COVID-19** . Last Updated: April 21, 2021. **Mesenchymal Stem Cells**. **Mesenchymal stem cells** are investigational products that have been studied extensively for broad clinical applications in regenerative medicine 1 and for their immunomodulatory properties. 2 It is hypothesized that **mesenchymal stem cells** could reduce the ...

Insights into the use of mesenchymal stem cells in COVID ...

<https://www.nature.com/articles/s41536-020-00105-z>

Oct 26, 2020 · One such **immunoregulatory agent** with potential for COVID-19 subjects with **critical disease** is the mesenchymal stem cell (MSC). MSCs are multipotent stromal cells that induce immunomodulation and...

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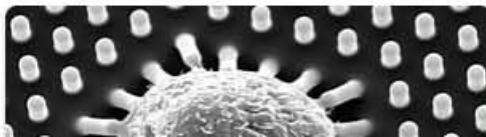
Author: Nisha Durand, Jorge Mallea, Abba C. Zubair

Publish Year: 2020

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Images of Mesenchymal Stem Cells and COVID-19 What They Do a...

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Name of Journal: *World Journal of Stem Cells*

Manuscript NO: 65738

Manuscript Type: REVIEW

Mesenchymal stem cells and COVID-19: What they do and what they can do

Abu-El-Rub E *et al.* Mesenchymal stem cells and COVID-19

Abstract

The severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), coronavirus disease 2019(COVID-19) pandemic has exhausted the health systems in many countries with thousands cases diagnosed daily. The currently used treatment guideline is to manage the common symptoms like fever and cough, but doesn't target the virus itself or halts serious complications arising from this viral infection. Currently, SARS-CoV-2 exhibits

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8103964>

May 06, 2021 · Mesenchymal stem cells (MSCs) have been recently under investigation in this regard, and the achieved clinical outcomes show promising evidence for **stem cell-based therapy** of COVID-19. MSCs are known for their potential for **immunomodulation, defense against virus infection, and tissue regeneration**.

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Publish Year: 2021

Mesenchymal Stem Cell Therapy for COVID-19: Present or ...

<https://pubmed.ncbi.nlm.nih.gov/32281052>

Probably, preventing the severe acute respiratory infection form of COVID-19 as the most dangerous phase of this disease can be helpful for the **treatment and reduction of the death rate**. In this regard, mesenchymal stem cells (MSCs)-based immunomodulation treatment has been proposed as a suitable therapeutic approach and several clinical trials have begun.

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Author: Ali Golchin, Ehsan Seyedjafari, Abdolreza A...

Publish Year: 2020