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Human Menstrual-Blood-Derived Stem Cells as Immunoregulatory Therapy in COVID-19: A case report and review of literature

Stem Cells as Immunoregulatory Therapy in COVID-19

Lan-Juan Li, Juan Lu, Zhong-yang Xie, Danhua Zhu

Abstract

BACKGROUND

The coronavirus disease 2019 (COVID-19) caused by SARS-CoV-2 in December 2019 has

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<https://europepmc.org/article/PMC/PMC7656201> ▾

Background Idiopathic pulmonary fibrosis is a kind of diffuse interstitial lung disease, the pathogenesis of which is unclear, and there is currently a lack of good treatment to improve the survival rate. **Human menstrual blood-derived** mesenchymal **stem cells** (MenSCs) have ...

Mesenchymal Stem Cells in COVID-19: A Journey from Bench ...

<https://academic.oup.com/labmed/advance-article/...> ▾

Jul 30, 2020 · Clinical Study for **Human Menstrual Blood-derived Stem Cells** in the Treatment of Acute Novel Coronavirus Pneumonia (**COVID-19**) –Interventional study –Estimated participants: 63 –Study design: parallel Mortality in patients The First Affiliated Hospital, College of Medicine, Zhejiang University, Hangzhou, Zhejiang, China ChiCTR2000029580

Stem cell therapy for COVID-19: Possibilities and ...

<https://onlinelibrary.wiley.com/doi/full/10.1002/cbin.11440>

These **stem cell**-based trials for **COVID-19** will evaluate different sources, numbers, and patient groups for treatment. It is therefore imperative to understand the logic, associated mechanisms, and challenges for a successful **stem cell therapy** for **COVID-19** patients.

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Author: Mahmood S. Choudhery, David T. Harris

Publish Year: 2020

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As a result, several clinical trials have been registered using **stem cells** for **COVID-19 treatment** that aim to use different **cell** sources, dosage, and importantly diverse targeted patient groups. In this brief **review**, the possibilities of **stem cell** use in **COVID-19** patients and relevant challenges in ...

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Author: Zhongwen Li, Shuaishuai Niu, Baojie Gu...

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Cited by: 2**Author:** Ali Golchin, Ali Golchin**Publish Year:** 2020

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