

Name of Journal: *World Journal of Stem Cells*

Manuscript Type: REVIEW

Manuscript NO.: 64069

**Therapeutic prospects of mesenchymal stem/stromal cells in COVID-19
 infected pulmonary diseases: From bench to bedside**

Zhang L *et al.* MSCs for COVID-19 therapy

Lei-sheng Zhang, Yi Yu, Hao Yu, Zhong-chao Han

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Author: André Coelho, Rui Damásio Alvites, ...

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Jun 22, 2020 · Preclinical translation of exosomes derived from mesenchymal stem/stromal cells. Stem Cells. 2020;38(1):15–21. Article Google Scholar 40. Loy H, Kuok DIT, Hui KPY, et al. Therapeu...

Cited by: 22 Author: Atsunori Tsuchiya, Suguru Takeuchi, Tak...
Publish Year: 2020

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

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

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Author: André Coelho, Rui Damásio Alvites, Marian...

Publish Year: 2020

[Mesenchymal stem cells derived from perinatal tissues for ...](#)

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Background: Acute respiratory distress syndrome (ARDS) is a fatal complication of coronavirus disease 2019 (**COVID-19**). There are a few reports of allogeneic human **mesenchymal stem cells** (MSCs) as a potential treatment for ARDS. In this phase 1 clinical trial, we present the safety, feasibility, and tolerability of the multiple infusions of high dose MSCs, which originated from the placenta and ...

Author: Seyed-Mohammad Reza Hashemian, R... Publish Year: 2021

[Insights into the use of mesenchymal stem cells in COVID ...](#)

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Oct 26, 2020 · **Mesenchymal stem cells** (MSCs), multipotent **stromal cells** that mediate immunomodulation and regeneration, could be of potential benefit to a subset of **COVID-19** subjects with acute respiratory failure.

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Respiratory **diseases**, including coronavirus disease 2019 and chronic obstructive **pulmonary** disease (COPD), are leading causes of global fatality. There are no effective and curative treatments, but supportive care only. **Cell therapy** is a promising **therapeutic** strategy for refractory and unmanageable ...

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Author: Hong Long Ji, Cong Liu, Run Zhen Zhao

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[Mesenchymal stem/stromal cell-based therapy: mechanism ...](#)

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