

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 64794

**Title:** Stem cell therapy: A promising treatment for COVID-19

**Reviewer's code:** 05457328

**Position:** Editorial Board

**Academic degree:** MSc, PhD

**Professional title:** Adjunct Professor, Associate Professor

**Reviewer's Country/Territory:** India

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-03-26

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-03-30 14:07

**Reviewer performed review:** 2021-03-30 14:16

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## **SPECIFIC COMMENTS TO AUTHORS**

The manuscript by Zheng et al entitled, "Stem cell therapy: A promising treatment for COVID-19" is a good effort to describe role of Stem Cell based therapy in current COVID-19 pandemic. Though interesting, but there are some issues author need to address: I. There is no figure in the manuscript as one eye catching figure can be helpful for the readership of the journal. 2. There are some recent papers where stem cell/MSCs have been described, author must cite those specially are in relation to COVID-19: I. Sadeghi S, Soudi S, Shafiee A, Hashemi SM. Mesenchymal stem cell therapies for COVID-19: Current status and mechanism of action. *Life Sci.* 2020 Dec 1;262:118493. doi: 10.1016/j.lfs.2020.118493. Epub 2020 Sep 23. PMID: 32979360; PMCID: PMC7510562. II. Xiong J, Bao L, Qi H, Feng Z, Shi Y. Mesenchymal Stem Cell-Based Therapy for COVID-19: Possibility and Potential. *Curr Stem Cell Res Ther.* 2021;16(2):105-108. doi: 10.2174/1574888X15666200601152832. PMID: 32479246. III. Kumar P, Sah AK, Tripathi G, Kashyap A, Tripathi A, Rao R, Mishra PC, Mallick K, Husain A, Kashyap MK. Role of ACE2 receptor and the landscape of treatment options from convalescent plasma therapy to the drug repurposing in COVID-19. *Mol Cell Biochem.* 2021 Feb;476(2):553-574. doi: 10.1007/s11010-020-03924-2.