

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**Manuscript NO:** 64069

**Title:** Therapeutic Prospects of Mesenchymal Stem/stromal Cells in COVID-19 Infected Pulmonary Diseases: From Bench to Bedside

**Reviewer's code:** 03478635

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Senior Research Fellow

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

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

**Manuscript submission date:** 2021-02-08

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2021-02-12 06:16

**Reviewer performed review:** 2021-02-18 01:45

**Review time:** 5 Days and 19 Hours

<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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 type="checkbox"/> Accept (General priority) <input checked="" 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



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#### **SPECIFIC COMMENTS TO AUTHORS**

This is a very important study on the effect of MSC therapy in COVID-19 treatment. The relationship between the result of the influenza virus H1N1-induced mice model and MSC-derived extracellular vesicle may be described more in detail and focused in terms of the role of MSCs, in around lines 143 to 149. It may be discussed what potential components in MSC-derived extracellular vesicle are critical for COVID-19 treatment.