PEER-REVIEW REPORT

Name of journal: *World Journal of Stem Cells*

Manuscript NO: 71533

Title: Mesenchymal stem/stromal cells as adjuvant therapy in COVID-19 associated acute lung injury and cytokine storm: importance of cell identification

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05907822

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Indonesia

Manuscript submission date: 2021-09-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-11 12:01

Reviewer performed review: 2021-09-11 13:17

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No

Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I think this correspondence is appropriate for publication based on its scientific merit, although some changes in wording should be made.

PEER-REVIEW REPORT

Name of journal: *World Journal of Stem Cells*

Manuscript NO: 71533

Title: Mesenchymal stem/stromal cells as adjuvant therapy in COVID-19 associated acute lung injury and cytokine storm: importance of cell identification

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05820886

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Attending Doctor, Lecturer

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Indonesia

Manuscript submission date: 2021-09-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-12 18:16

Reviewer performed review: 2021-10-12 18:25

Review time: 1 Hour

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No

| Peer-reviewer statements | Peer-Review: [Y] Anonymous   [   ] Onymous |
| | Conflicts-of-Interest: [   ] Yes   [Y] No |

SPECIFIC COMMENTS TO AUTHORS

Dear author Thank you for this beautiful remarks You only need to remove "However, reference number 11 is about outcomes of hydroxychloroquine in COVID19 [3].", since authors have possibly cited this paper pertaining to this sentence fragment "Considering the serious side effects and contradictory efficacy of different drugs such as glucocorticoid and hydroxychloroquine..." Otherwise, very well written. Thanks

PEER-REVIEW REPORT

Name of journal: *World Journal of Stem Cells*

Manuscript NO: 71533

Title: Mesenchymal stem/stromal cells as adjuvant therapy in COVID-19 associated acute lung injury and cytokine storm: importance of cell identification

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06011774

Position: Peer Reviewer

Academic degree: MBBS

Professional title: Doctor

Reviewer's Country/Territory: Malaysia

Author's Country/Territory: Indonesia

Manuscript submission date: 2021-09-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-17 09:06

Reviewer performed review: 2021-10-26 07:11

Review time: 8 Days and 22 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No

Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Thank you for the article. Below are my comments   Errors : Abstract : needed to get a robust(inappropriate for this scientific context) prove (proof) of MSC beneficial effects. Keywords : ADRS (ARDS you mean?) Core tip: Therefor (therefore) more robust prove (as above) are needed   Letter: 1st paragraph - with cytokine storm and pulmonary damage ("there is an urgency of developing novel therapeutic techniques in dealing with cytokine storm and pulmonary damage, especially the recently reported mesenchymal stem/stromal cell (MSC)-based cytotherapy [reference number 10 and 11]"). Necessity to copy paste this statement? -inappropriate style of referencing (e.g. ref 85 etc) suggest to use author names etc. 3rd paragraph - A study showed that ACE2 expression was significantly higher in adipose tissue and bone marrow derived (derived what?) compared to UC or placenta derived MSCs   language editor is recommended in view of multiple sentence structure error. attached certificate is a certificate of presentation at a talk as speaker.