



PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 57915

Title: Prospects for the therapeutic development of umbilical cord blood-derived mesenchymal stem cells

Reviewer's code: 03448879

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: South Korea

Manuscript submission date: 2020-06-30

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-09-04 06:50

Reviewer performed review: 2020-09-11 02:52

Review time: 6 Days and 20 Hours

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 Grade A: Excellent [] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish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



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SPECIFIC COMMENTS TO AUTHORS

The manuscript thoroughly reviewed current literature on UCB-derived MSC characteristics, mechanisms of action, new culture conditions, and concerns regarding safety and mass production issues, yielding a general picture about the therapeutic prospect of UCB-derived MSC. It is a good summary of current studies and is of high quality.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Stem Cells

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Author's Country/Territory: South Korea

Manuscript submission date: 2020-06-30

Reviewer chosen by: Man Liu (Part-Time Editor)

Reviewer accepted review: 2020-10-25 15:59

Reviewer performed review: 2020-10-26 14:23

Review time: 22 Hours

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 Grade A: Excellent [] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish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

SPECIFIC COMMENTS TO AUTHORS



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I believe the manuscript is now acceptable for publishing. Congratulations.