

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 57740

Title: Novel insights for improving the therapeutic safety and efficiency of mesenchymal stromal cells

Reviewer's code: 02577402

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Canada

Manuscript submission date: 2020-06-23

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-24 01:08

Reviewer performed review: 2020-07-04 01:06

Review time: 9 Days and 23 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	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

In this MS, the authors investigated the novel insights for improving the therapeutic safety and efficiency of mesenchymal stromal cells. Some problems existed. 1. The language needs to be improved because of some grammar, spelling, and punctuation mistakes. 2. VEGF: PLEASE give the full name to this abbreviation at the first time of use. For all other abbreviations, the same rule applies. Such as TLR3, BM-, WJ- , AT-MSC 3. In the inflammatory preconditioning section, the paragraph is too long. Please separate it to several paragraphs with subtitles. 4. In the section of cell-free based therapeutics, please give a citation for the following sentence: Several scientific societies propose to optimize the methods and harmonize the criteria that identify and characterize EVs from MSCs.