



JOURNAL EDITOR-IN-CHIEF'S REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 82702

Title: Human pluripotent stem cell-derived extracellular vesicles: From now to the future

Journal Editor-in-Chief (Associate Editor): Shengwen Calvin Li

Country/Territory: United States

Editorial Director: Jia-Ping Yan

Date accepted review: 2023-04-07 06:39

Date reviewed: 2023-04-07 06:40

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> [Y] Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> [] High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> Grade D: Fair	language polishing	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> [] Major revision

JOURNAL EDITOR-IN-CHIEF (ASSOCIATE EDITOR) COMMENTS TO AUTHORS

EIC Specific comments: Manuscript NO: 82702 1) Pages 5-6: "It was shown that the hiPSC-derived EVs (hiPSC-EV) contains a variety of microRNAs (miRNAs) (such as miR-382, miR-611, and others) related to pathways such as focal adhesion, Wnt, PI3K-Akt, and MAPK signaling, as well as proteins related to processes involved in signal transduction." [use contain, not contains]. 2) Page 8: "It was also demonstrated that MVs, but not EXOs, retrodifferentiated Müller cells into retinal progenitor cells in vitro[71]." It is infrequent to see "retrodifferentiated Müller cells." Thus, the authors need to elaborate on the definition of the term. 3) Page 12: "The advantages of PSC-EVs could be related to a higher level of EV production since the cells have the greater proliferative capacity, along with the fact that we can isolate EVs from a single source, possibly reducing the variability between batches." Neither PSCs nor PSC-EVs are homogeneous in production but heterogenous, implying neither contents are consistent. Revise the statement to reflect on the heterogeneity of both PSCs and



Baishideng Publishing Group

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

PSC-EVs.