

Manuscript #: 71480

Manuscript title: Insight into Generation of Induced Mesenchymal Stem Cells from Induced Pluripotent Cells

Dear Editor-in-Chief,

Thank you very much for giving the opportunity to submit a revised draft of the manuscript "**Insight into Generation of Induced Mesenchymal Stem Cells from Induced Pluripotent Cells**". I appreciate the time and effort that the editor and the reviewers dedicated to provide feedback on this manuscript and I am grateful for the insightful comments on and valuable improvements to this article. All of the suggestions made by reviewer have been incorporated in the revised manuscript. Those changes are highlighted within the manuscript. Please see below, in red, for a point-by-point response to the reviewers' comments and concerns. All page numbers refer to the revised manuscript file with tracked changes.

I hope the revised version is now suitable for publication in your journal and look forward to hear from you.

Sincerely,



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Review's Comments

Reviewer #1

The authors raised some interesting points and I agree with most although not all.

Specifically, I agree with the use of "multipotent stem cell" rather than "adult

pluripotent stem cells". However, since a review article usually represents a summary and perspective on a topic of interest, it's common that different experts have different opinions. I would suggest the authors submit a formal review manuscript, instead of the letter.

Response: Thank you very much for the encouraging comments. In this letter, the points raised by the authors will be very useful for clarification of certain points. Further, we appreciate reviewer's suggestion of writing a full review article on the topic. We will write and submit the full article on this topic latter.

Reviewer # 2

It is suggested that updated literature review and more recent articles on the topic should be incorporated and discussed. One recent article is mentioned here. " A scalable system for mesenchymal stem cells derived from induced pluripotent stem cells employing bioreactors and degradable microcarriers" Published in Tissue Engineering and Regenerative Medicine, Sept 2021 Reference number 2 is not relevant to the topic References from Zhao , 2015 and 2018 are missing

Response: Thank you for suggestion. We have added more updated literature and recent articles on the topic. Since it is a letter to editor, keeping in view Journal format we have kept it brief to focus on specific points. Recommended article has been added. In addition, we have removed reference no 2. References from Zhao 2015 have been added.