

ANSWERING REVIEWERS

November 18, 2013



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 6255-Review.doc).

Title: Role of mesenchymal stem cells in cell life and their signaling

Author: Shihori Tanabe

Name of Journal: *World Journal of Stem Cells*

ESPS Manuscript NO: 6255

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

- (1) According to the valuable comment from the reviewer, a semi-section for trans-differentiation of MSCs has been added in the section of MSC application. Many references published by Terenghi et al. and Wiberg et al. and others related to differentiation of MSCs into Schwann cells have been added. Furthermore, references have been added in the sections for origin of MSCs and MSC application to improve and increase the context of the review.
- (2) To respond to the valuable comment from the reviewer, the section for Mesenchymal features and stem cell phenotype has been deleted and new references such as Mesenchymal cells for skeletal tissue engineering (Panetta NJ et al) and Hypoxia inhibits osteogenesis in human mesenchymal stem cells through direct regulation of RUNX2 by TWIST (Yang D-C et al) have been added in the section for MSC Application.
- (3) The whole manuscript was re-formatted into topic highlight.

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Stem Cells*

Sincerely yours,

Shihori Tanabe, PhD

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