

September 9, 2014



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 12927-review.doc).

**Title:** Mesenchymal stem cells: emerging mechanisms of immunomodulation and therapy

**Author:** Justin D Glenn and Katharine A Whartenby

**Name of Journal:** *World Journal of Stem Cells*

**ESPS Manuscript NO:** 12927

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

1. Reviewer 02446027 expressed no significant concerns.

2. In response to Reviewer 00504012:

a. "1. p4 line20-21 concerning the MSC characteristics: please follow the ISCT criteria! They express CD73, CD90, CD105."

Update: We have noted that the ISCT indeed designates CD73, CD90, and CD105 as positive markers for identifying MSCs (p4 lines 20-21).

b. "2. p5 line 1-2 concerning the origin of MSC!... pericytic origin for MSC. This is not the case of bone marrow MSC!"

update: We have noted that bone marrow derived MSCs have not been shown to arise from pericytes in the appropriate text location (p5, line 1-2).

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

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Katharine A. Whartenby', with a long horizontal flourish extending to the right.

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