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Dated 22 February 2020

Dr Jin-Zhou Tang
Editor
World Journal of Stem Cells

Dear Dr Tang

**Re: Manuscript ID 53364, Human Umbilical Cord Derived Mesenchymal Stem Cells in
Peripheral Nerve Regeneration**

Thank you very much for reviewing our submission and providing us with the reviewers' comments. We have reviewed the accuracy of the information in the manuscript in general and have revised our manuscript taking into account the reviewers' comments and highlight the responses to the reviewers' comments below.

Reviewer Comments	Authors' Response
Reviewer (02446277): The abstract should be reorganized as is it not clear that the 14 selected studies (279 subjects) imply both human patients and animal models.	Thank you for your comment, we have revised the abstract to make it clear that this includes both human and animal. This is reflected in red text on lines 58 to 59 of the manuscript.
Reviewer (02446277): Moreover, it is specified that 10 transplants were xenogeneic. However, from Table 1 and Table 2 it seems that 13 studies referred to xenogeneic transplants. I think this part should be better explained.	We have clarified this by amending the abstract to be more clear. This is reflected in red text on line 60 of the manuscript.
Reviewer (02446277): Unclear phrase: "Four studies obtained UCMSCs from a third-party source and the remainder were harvested directly from human subjects." How can some UCB samples be obtained "directly from human subjects" and other to be obtained from "a third-party source"?	We thank the reviewer for their comments, we have amended the abstract to make this more clear. This is reflected in red text on line 60.
Reviewer (03810998): This is a very well-written and nice review paper to summarise the use of human UCMSCs for the treatment of peripheral nerve lesions. It is acceptable to be published in	We thank the reviewer for their attention in reviewing the manuscript and for their input.

this journal.	
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We are grateful to the reviewers for their input, we believe that the reviewers' comments have helped improve the manuscript considerably.

Regards

A handwritten signature in black ink, appearing to read 'W. Khan', with a stylized flourish extending from the end.

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