

September 15, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: ESPS Manuscript NO 12833-edited.doc).

**Title:** The Importance of the Stem Cell Micro-environment for the Ophthalmological Cell-based Therapy

**Author:** Pengxia Wan, Zhichong Wang

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

**ESPS Manuscript NO:** 12833

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

1 The title and the running title were revised to meet the requirements of review of the journal. (Highlighted in the manuscript)

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

(1) Language was further polished.

(2) The following articles were discussed and cited: (Highlighted in the manuscript)

109. Ksander BR, Kolovou PE, Wilson BJ, Saab KR, Guo Q, Ma J, McGuire SP, Gregory MS, Vincent WJ, Perez VL, Cruz-Guilloty F, Kao WW, Call MK, Tucker BA, Zhan Q, Murphy GF, Lathrop KL, Alt C, Mortensen LJ, Lin CP, Zieske JD, Frank MH, Frank NY. ABCB5 is a limbal stem cell gene required for corneal development and repair. *Nature*. 2014; 17;511(7509):353-357. doi: 10.1038/nature13426. PMID: 25030174.

154. Schwartz SD, Hubschman JP, Heilwell G, Franco-Cardenas V, Pan CK, Ostrick RM, Mickunas E, Gay R, Klimanskaya I, Lanza R. Embryonic stem cell trials for macular degeneration: a preliminary report. *Lancet*. 2012; 25; 379(9817):713-20. doi: 10.1016/S0140-6736(12)60028-2. PMID: 22281388

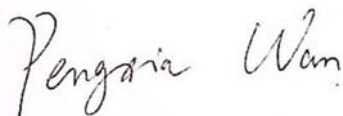
(3) Scheme was added to improve the manuscript.

Figure 1 Schematic overview of the stem cell micro-environment components

3 References and typesetting were corrected

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

Sincerely yours,



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