

## List of Responses

Dear Dr. Zhang and reviewers:

Thank you for your letter and for the reviewers' comments concerning our manuscript entitled "Safety evaluation of menstrual blood-derived stromal cells transplantation for the treatment of intrauterine adhesion" (Manuscript NO: 54722). Those comments are all valuable and helpful for revising and improving our paper, as well as the important guiding significance to our researches. We have studied comments carefully and have made correction which we hope meet with approval. The responds to the reviewer's comments and the corrections in the paper are as following:

### **Responds to the reviewer's comments:**

**Reviewer #1** (code: 03017753)

**Comment 1:** The title reflects the main subject of the manuscript.

**Response:** Thank you for your nice comments.

**Comment 2:** The abstract summarizes and reflects the work described in the manuscript. The Aim should be listed from the background.

**Response:** We feel really sorry for our carelessness. We have re-written this part according to your suggestion.

**Comment 3:** Methods are clear. Sprague-Dawley rats model are reasonable.

**Response:** Thank you again for your nice comments.

**Comment 4:** Results are clear, and very interesting. Tables require editing. Figure 1 should be re-provided. There is no Scale bar in the images. Please check and provide the primitive images with Scale bars.

**Response:** Thank you for your careful checks. We have re-provided Figure 1 (with Scale bars in the images) and re-edited all tables according to your suggestion.

**Comment 5:** Discussion is acceptable.

**Response:** Thank you again for your nice comments.

**Comment 6:** References are updated.

**Response:** We feel great thanks for your professional review work on our article.

**Comment 7:** Minor editing is required for the manuscript.

**Response:** Thank you for your suggestion. We have re-checked the entire manuscript carefully and made some corrections according to your suggestion. We have carefully formatted our revised manuscript in strict accordance with the Baishideng Publishing Group (BPG) guidelines and requirements for manuscript revision-basic study.

Special thanks to you for your good comments.

**Reviewer #2** (code: 03093156)

**Comment 1:** The design of the study is reasonable, and the results are good. Tables and figures are well display; however, the tables require editing.

**Response:** Thank you for your careful checks. We have re-edited all tables according to your suggestion.

**Comment 2:** Some minor language polishing should be revised. Overall, the manuscript is well written, and can be accepted for publication after a minor revision.

**Response:** Thank you for your suggestions. We have re-checked the entire manuscript carefully and made some corrections according to your suggestion. We have carefully formatted our revised

manuscript in strict accordance with the Baishideng Publishing Group (BPG) guidelines and requirements for manuscript revision-basic study.

Special thanks to you for your good comments.

**Reviewer #3** (code: 03003965)

**Comment 1:** This study is very well designed. Methods are described in detail. Results are reasonable and interesting. Main text of the manuscript requires an editing.

**Response:** Thank you for your nice comments. We have re-checked the main text of the manuscript carefully and made some corrections according to your suggestion.

**Comment 2:** The tables and figures are good. Minor language polishing should be corrected.

**Response:** Thank you for your suggestions. We have re-checked the entire manuscript carefully and made some corrections according to your suggestion. We have carefully formatted our revised manuscript in strict accordance with the Baishideng Publishing Group (BPG) guidelines and requirements for manuscript revision-basic study.

Special thanks to you for your good comments.

**Other changes:**

1. Line 72, "3 days, 3 months, and 6 months" were corrected as " three days, three months, and six months".
2. Line 85, "4 weeks" were corrected as "four weeks".
3. Line 145, "MSC" were corrected as "MSCs".
4. Line 149 and 150, "7 patients and 4 positive pregnancies" were corrected as " seven patients and

four positive pregnancies ".

5. Line 185, "12/12 hours" were corrected as "12/12 h".

6. Line 198 and 199, " 3 days, 3 months, and 6 months" were corrected as " three days, three months, and six months".

7. Line 236, "7 days" were corrected as "seven days".

8. Line 250, "2 weeks" were corrected as " two weeks".

9. Line 284, "transplation" were corrected as "transplantation ".

10. Line 286 and 287, " 3 days, 3 months, and 6 months" were corrected as " three days, three months, and six months".

11. Line 288, "histo-pathological" were corrected as " histopathological".

12. Line 303, "(Figure 3)" was deleted.

13. Line 305 and 306, "(Figure 3A)" and "(Figure 3B)" was added.

14. Line 250, "2 weeks" were corrected as " two weeks".

15. Line 339, 349, 368, 376 and 379, "MenSCS" were corrected as " MenSCs".

16. Line 344, "3 days to 6 months " were corrected as "three days to six months".

17. Line 370, " 6 months" were corrected as " six months".

18. Line 683 and 702, "=" was added.

19. Line 697, "A:" was added.

20. Line 698, "2500 and 5000" was added.

21. Line 698, "and HELA" was deleted.

22. Line 700, " B: Representative photomicrograph shows the cell malignant proliferation of 2500 and 5000 HELA cells after one week and two weeks of culturing. " was added.

23. Line 705, " A-H: Immunofluorescence staining of " was added.

24. Line 710, " The subcutaneous tumor in nude mice (arrow)." was added.

We tried our best to improve the manuscript and made some changes in the manuscript. We appreciate for Editors and Reviewers' warm work earnestly, and hope that the correction will meet with approval. We would like to express our great appreciation to you and reviewers for comments on our paper. Looking forward to hearing from you.

Yours sincerely,

Prof. Jichun Tan

Correspondence: Prof. Jichun Tan, Center for Reproductive Medicine, Obstetrics and Gynecology Department, Shengjing Hospital of China Medical University, No. 39 Huaxiang Road, Shenyang, Liaoning, 110004, China. Tel.: +86 18940251868; e-mail: [tjczjh@163.com](mailto:tjczjh@163.com)