

## **RESPONSE TO REVIEWERS AND SCIENCE EDITOR**

Is there a place for cellular therapy in depression?

Modifications were yellow highlighted in the manuscript

### Reviewer 1

This is a good summary regarding the role of cellular therapy in depression, especially for those patients who are resistant to current treatments. It provides a general guidance for future studies on this topic. It should be accepted

*We would like to acknowledge the acceptance of our manuscript by the first reviewer.*

### Reviewer 2

The present review analyzes the potential non-pharmacological stem cell therapy to treat depression based on experimental evidence published in the literature. If the authors complete the minor revision, the quality of the study will be further improved.

*Thank you very much for your comments*

1. abstract: Authors need to modify the abstract by referring to the format in this journal.

*We modified the abstract as suggested by reviewer*

2. page 3, "Pharmacological treatment for depression has been available since 1957, when imipramine, a tricyclic antidepressant, and iproniazid, a monoamine oxidase inhibitor, were released." - Sources (references) are required.

*We added these two references as suggested by reviewer (references 8 and 9)*

3. page 22, "Cell therapy is a promising treatment option. Its potential will only be determined through clinical trials that have

already begun to be developed." - The study was well written overall. However, the final sentence of the conclusion is awkward in context. I suggest the author to write the last sentence as an implication for future research.

*Thank you for your suggestion we restructured this final sentence to reinforce the relevance to develop future research involving stem-cells and depression.*

*Science editor:*

Self-cited references: There are 5 self-cited references. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations that are closely related to the topic of the manuscript, and remove other improper self-citations. If the authors fail to address the critical issue of self-citation, the editing process of this manuscript will be terminated.

*We self-cited five references that represents 5,1% of all references (n= 18). Despite the self-citation is 10% and considered we reduced three self-references involving stem-cells in other neurological diseases.*

The "Author Contributions" section is missing. Please provide the author contributions

*We added in the manuscript information about author contributions as asked by Editor*

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*We uploaded a copy of approval documents related to grant associated to scientific project related to this manuscript.*

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submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights. For example, "Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-5119. Copyright ©The Author(s) 2019. Published by Baishideng Publishing Group Inc[6]". And please cite the reference source in the references list. If the author fails to properly cite the published or copyrighted picture(s) or table(s) as described above, he/she will be subject to withdrawal of the article from BPG publications and may even be held liable. 6 Recommendation: Conditional acceptance.

*We restructured the figure in power point file and declare that all figures are original and were performed by a professional that gave-us authorization. We added this information in the acknowledgment of the manuscript.*