

Manuscript number: 59128

MS Type: Review

Title: "**Functional maturation of immature  $\beta$  cells: a roadblock for a stem cell therapy to type 1 diabetes**"

Correspondence Author: Fang-xu Jiang and Wei Wang

Dear Editor:

Thank you very much for your attention and the referee's evaluation and comments on our review. We have revised the manuscript according to your kind advices and referees' detailed suggestions. Enclosed please find the responses to the referees. We sincerely hope this manuscript will be finally acceptable to be published on the World Journal of Stem Cells. Thank you very much for all your help and looking forward to hearing from you soon.

Best regards

Sincerely yours

Zi-yi Sun

Please find the following Response to the comments of referees:

Response to the referees' comments

Referee A

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: The review article is interesting, I accepted as it is.

Response: Thank you very much for your review.

Referee B

Science editor: 1 Scientific quality: The manuscript describes a review of a roadblock for a stem cell therapy to type 1 diabetes. The topic is within the scope of the WJSC. (1) Classification: Grade B; (2) Summary of the Peer-Review Report: The review article is interesting; and (3) Format: There are 3 figures. A total of 121 references are cited, including 35 references published in the last 3 years. There is 1 self-citation. 2 Language evaluation: Classification: Grade A. No language editing certificate was provided. 3 Academic norms and rules: No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an invited manuscript. The study was supported by Natural Science Foundation of China, Natural Science Foundation of Fujian Province, China, Xiamen Research Foundation for Science and Technology Project. The topic has not previously been published in the WJSC. 5 Issues raised: (1) The "Author Contributions" section is missing. Please provide the author contributions; (2) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s); (3) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor. 6 Recommendation: Conditional acceptance.

Response: Thanks for the referee's kind advice. First of all, I have added the "Author Contributions" section based on the actual situation; next, when submitting the revised manuscript, it will be noted that the approved grant application form(s) or funding agency copy of any approval document(s) will also be provided; finally, I will provide the editable figures in PPT format.