

Dear Lian-Sheng Ma,

You will find enclosed the copy of the revised manuscript (63566) entitled: «MECHANISMS OF ALTERED BONE REMODELING IN CHILDREN WITH TYPE 1 DIABETES » submitted for consideration and publication in *World Journal of Diabetes*. The manuscript has been revised according to the Referee suggestions and thanks to the criticisms of the Referees the manuscript was significantly improved.

Corresponding author

Giacomina Brunetti

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Major revision

Specific Comments to Authors: In this review, the authors bring attention to an important medical condition- altered bone remodeling in children with T1D. The authors then provide data which correlates several factors to modulation of bone remodeling such as insulin, osteoclast/osteoblasts functionality, monokines, and the RANKL signaling pathway. I have 2 major concerns with this review, which need to be revised prior to acceptance:

1) commentary on figure 1 must be better integrated in the text of the manuscript.

Answer: the figure 1 has been integrated in the text of the manuscript.

2) The conclusion section of the manuscript is especially weak. Generally, a review seeks to bring clarity to an esoteric concept or provide an overview to new/emerging data in a particular area. I assume that the purpose of this article is the former, to bring some clarity to an esoteric process. While correlative data is provided, the authors do not form a workable hypothesis suggesting how the information provided could be synthesized. The authors must integrate the information better, and using the data provided, provide a perspective path on how T1D alters bone formation. This manuscript needs a strong refocusing.

Answer: we really thank the reviewer for his/her helpful suggestion. We added a new paragraph about the future outlook on the management of bone impairment in T1DM subjects, a conclusion paragraph, and we provided 8 new references (100, 102, 103, 104, 105, 107, 108, 108).

4 LANGUAGE QUALITY

Please resolve all language issues in the manuscript based on the peer review report. Please be sure to have a native-English speaker edit the manuscript for grammar, sentence structure, word usage, spelling,

capitalization, punctuation, format, and general readability, so that the manuscript's language will meet our direct publishing needs.

Answer: the manuscript has been revised by native speaker.

5 EDITORIAL OFFICE'S COMMENTS

Authors must revise the manuscript according to the Editorial Office's comments and suggestions, which are listed below:

(1) Science editor: 1 Scientific quality: The manuscript describes a review of the mechanisms of altered bone remodeling in children with type 1 diabetes. The topic is within the scope of the WJD. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: The authors reported an important medical condition- altered bone remodeling in children with T1D. However, some questions raised by the reviewer should be answered; and

(3) Format: There is 1 figure.

(4) References: A total of 106 references are cited, including 21 references published in the last 3 years;

(5) Self-cited references: There are 14 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;

Answer: the authors eliminated the excess of self citation and added new references

(6) References recommend: The authors have the right to refuse to cite improper references recommended by peer reviewer(s), especially the references published by the peer reviewer(s) themselves. If the authors found the peer reviewer(s) request the authors to cite improper references published by themselves, please send the peer reviewer's ID number to the editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately.

2 Language evaluation: Classification: Grade B.

3 Academic norms and rules: No academic misconduct was found in the Bing search.

4 Supplementary comments: This is an invited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJD.

5 Issues raised:

(1)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;

Answer: the authors provides the original picture.

(2) Please obtain permission for the use of picture(s). If an author of a 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.

(2) Editorial office director:

(3) Company editor-in-chief: I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Diabetes, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors.