

Response to reviewer's comments

Reviewer 1:

Scientific Quality: Grade B (Very good),
Language Quality: Grade A (Priority publishing),
Conclusion: Accept (General priority)

Specific Comments to Authors: Evaluation of the review paper, the World Journal of Diabetes WJD_62713 entitled "Maternal obesity as a risk factor for developing diabetes in offspring: 1 an epigenetic point of view". The aim of the study was to evaluate if maternal obesity and neonatal accelerated growth predispose offspring to overweight and type 2 diabetes (T2D) in adulthood. The authors suggest that epigenetic adipocyte and β -cells remodelling during development in the progeny of obese mothers and the persistence of these marks as a basis of obesity and T2D predisposition.

Comments for the authors 1. This paper investigates the epigenetic relation of maternal obesity as a risk factor for developing diabetes in offspring. 2. The text and the figures are appropriate and informative. 3. References are numerous, appropriate and up-to-date. 4. The results of the papers have practical implications for preventing diabetes in offspring.

Science editor:

Scientific quality: The manuscript describes a review of the maternal obesity as a risk factor for developing diabetes in offspring. The topic is within the scope of the WJD.

(1) **Classification:** Grade B; (2) **Summary of the Peer-Review Report:** The aim of the study was to evaluate if maternal obesity and neonatal accelerated growth predispose offspring to overweight and type 2 diabetes in adulthood. The authors suggest that epigenetic adipocyte and β -cells remodeling during development in the progeny of obese mothers and the persistence of these marks as a basis of obesity and type 2 diabetes predisposition. The questions raised by the reviewers should be answered; and (3) **Format:** There are 2 figures. A total of 141 references are cited, including 27 references published in the last 3 years. There are 8 self-citations. **2 Language evaluation: Classification: Grade A.** No language editing certificate was provided.

The manuscript has been carefully prooread and edited by a native English Speaker. A langague editing certificate has been provided in the revised version.

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; and (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 \times). 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.

As required, the revised figures have been prepared and arranged using PowerPoint. In addition, the published pictures have been removed and replaced by personal drawing to avoid copyright problems.

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.