

Thank you for reviewing our manuscript and for the opportunity to resubmit it after revision.

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: The review covers much more than the genetic variants in NAFLD, which should be mentioned more in detail in the abstract; so The authors should provide some tables to summarize the main findings from the literature; some sentences, for example page 8, "In conclusion, the PNPLA3 gene acts not only as a main genetic player in NAFLD development but seems to exert its harmful effect also beyond the liver." which should be elaborated more, and be more specific

Answer: Thank you for your comments. We modified the abstract accordingly and provided three tables summarizing the main findings regarding transcriptomics, epigenomics, and proteomics studies. Please see table 1, 2, and 3 of the revised version of the text. More, we added two figures about metabolomics and lipidomics and gut liver axis in NAFLD, respectively. Please see Figures 2 and 3 of the revised version of the manuscript. According to your comments, we modified some sentences to make them more elaborated. Please see lines 211-213.

1) *Science editor:*

1 Scientific quality: The manuscript describes a review of the advances in Pediatric NAFLD. The topic is within the scope of the WJCP. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: The review covers much more than the genetic variants in NAFLD, which should be mentioned more in detail in the abstract. The authors should provide some tables to summarize the main findings from the literature. The questions raised by the reviewers should be answered; (3) Format: There is 1 table and 1 figure; (4) References: A total of 154 references are cited, including 82 references published in the last 3 years; (5) Self-cited references: There are 13 self-cited references. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations (i.e. those that are most closely related to the topic of the manuscript) and remove all 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; and (6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to 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 WJCP. 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) 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.

Answer: thank you for your comments. We modified the text accordingly. English language has been edited and polished throughout the manuscript (new certificate as attachment). We also provided original pictures, as required.