

Response Letter

Dear editor and reviewer,

Thank you for giving revision chance of our manuscript, the detailed point-to-point responses as followed.

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: In this manuscript, the authors review the engineering nanotheranostic strategies for liver cancer, including gene therapies and photo-assisted therapies. Overall, this manuscript covers a wide range of nanotheranostic for cancer therapy. The manuscript needs to be improved in writing as follows: Point 1: The authors can summarize more gene delivery vectors in the Gene delivery carrier construction part. Point 2: The conclusions section is inadequate and in fact lack of a critical overview of pitfalls and caveats of different types of treatment modalities. Point 3: For the high quality of the journal, a highest quality of images and schemes is of great importance. Of note, the labels in Figure 5 and Figure 8 are incorrect and should be revised.

Reply: We are grateful for your constructive suggestion. Firstly, we have introduced more vectors in the gene delivery carrier construction section. Secondly, the critical overview of this frontier was included in the conclusion section of the revised manuscript. Thirdly, the Figure 5 and Figure 8 were revised according to the reviewer's comments. We thank the reviewer for pointing these, and all points were revised.

Science editor: 1 Scientific quality: The manuscript describes a frontier of the liver cancer. The topic is within the scope of the WJG. (1) Classification: Grade B; (2) Summary of the Peer-Review Report: In this manuscript, the authors review the engineering nano-theranostic strategies for liver cancer, including gene therapies and photo-assisted therapies. Overall, this manuscript covers a wide range of nano-theranostic for cancer therapy. The manuscript needs to be improved in writing as follows. The authors can summarize more gene delivery vectors in the Gene delivery carrier construction part. The conclusions section is inadequate and in fact lacks of a critical overview of pitfalls and caveats of different types of treatment modalities. The questions raised by the reviewers should be answered; and (3) Format: There are 11 figures. (4) References: A total of 85 references are cited, including 49 references published in the last 3 years; (5) Self-cited references: There are 8 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. A language editing certificate issued by MedSci was provided. 3 Academic norms and rules: The authors need to provide the signed Conflict-of-Interest Disclosure Form and Copyright License Agreement. No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an invited manuscript. The study was supported by the Science and Technology Innovation Joint Fund Project of Fujian Province; and Science and Technology Project of Quanzhou. The topic has not previously been published in the WJG. The corresponding author has not published articles in the BPG. 5 Issues raised: (1) I found 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); (2) I found the authors did not provide the original figures. 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 (3) 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 Re-Review: Not required. 7 Recommendation: Conditionally accepted.

Reply: We thank the positive comments from the editor office. And point-to point response as followed.

- 1) In the revised manuscript, there are 5 self-cited references (Ref. 45, Ref. 68, Ref. 69, Ref. 73, Ref. 77), and all self-citations are closely related to the content of the manuscript, there is no deliberate self-citation.
- 2) All documents were supplied in the revised submission.
- 3) The permission for use of previous picture was obtained from the copyright holder, and we also cited the reference source in the reference list according to the previous publication of BPG publishing.