

Answering Reviewers

Company editor-in-chief:

I recommend the manuscript to be published in the World Journal of Hepatology. Before final acceptance, the author(s) must provide the English Language Certificate issued by a professional English language editing company. Please visit the following website for the professional English language editing companies we recommend: <https://www.wjgnet.com/bpg/gerinfo/240>. Before final acceptance, when revising the manuscript, the author must supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply a new tool, the Reference Citation Analysis (RCA). RCA is an artificial intelligence technology-based open multidisciplinary citation analysis database. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information at: <https://www.referencecitationanalysis.com/>.

R: Many thanks to the editor for giving us the opportunity to revise.

Articles have been language polished by professional English language companies.

RCA we have registered and recommended for colleagues and students to use.

Reviewer #1:

Specific Comments to Authors: Manuscript NO: 79756 entitled, “Role of MicroRNA-Regulated Cancer Stem Cells in Recurrent Hepatocellular Carcinoma” attempts to review and summarize studies on regulatory effects of miRNAs on CSCs in HCC development with a particular concern on their potential role on HCC recurrence. To this end, the manuscript is first started by “introducing the surface markers of LCSCS and their potential role in HCC development and then continues with regulatory roles of miRNAs in three sections upregulated/downregulated/therapeutic miRNAs and their roles in HCC. Finally, it is concluded that miRNAs are involved in various biological processes, including tumorigenesis and might be one of the important tools to target CSCs for HCC therapy. Comments: - The role of miRNA in hepatic cancer stem cell for HCC development is studied extensively

specially in the last decade. The first review articles in this domain were also published almost ten years ago (Wei Qi et al, The function of miRNA in hepatic cancer stem cell, Biomed Res Int. 2013;2013:358902). Recently this subject and specially deregulations of miRNA in CSCs and their role in HCC development is extensively reviewed (Dysregulated MicroRNA Fingerprints and Methylation Patterns in Hepatocellular Carcinoma, Cancer Stem Cells, and Mesenchymal Stem Cells) and more recently is updated in a review article published in May 2022 ((Hesham A El-Mahdy et al, miRNAs inspirations in hepatocellular carcinoma: Detrimental and favorable aspects of key performers, Pathol Res Pract 2022 May;233:153886). Therefore if the presently submitted manuscript is attempting to review “recent years' research findings and reports”, then it should at least address these recently published review articles (that exactly discuss and review the same subject) and then explain any novel approach/novel idea/novel information (if any) that are considered and provided compared to these recently published review articles (as the aim of the review writing at the end of introduction section). But the submitted manuscript does not include even one 2022 citation! - The manuscript could be extensively shortened by citing recently published review articles and focusing only on very recently published reports that are not reviewed before. - Fig. 1 does not provide any new or

acknowledge able information and might be omitted. - The manuscript still needs English polishing for grammar and used phrases.

R: Many thanks to reviewer 1 for the suggestion to us.

We have supplemented and discussed the literature presented by the reviewers (**CONCLUSION**).

Reviewer #2:

Specific Comments to Authors: This is a high-quality article. The author introduced the research of MicroRNA in HCC. Summarized the research progress of MicroRNA in HCC. The article is clear and the language is appropriate.

R: Many thanks to reviewer 2 for the affirmation of our article.