

Lian-Sheng Ma, Science Editor, Company Editor-in-Chief, Editorial Office  
World Journal of Stem Cells

April 22, 2022

Re: **Manuscript NO: 76194**

Dear Editor-in-Chief Ma,

We have attached a copy of our revised manuscript entitled "**miR-3682-3p directly targets FOXO3 and stimulates tumor stemness in hepatocellular carcinoma via a positive feedback loop involving FOXO3/PI3K/AKT/c-Myc**". We want to thank you and the reviewers for carefully reading the manuscript and the helpful comments. We have carefully addressed the reviewer's questions and the editorial office's comments point-by-point (please refer to the following pages for the details of change).

As suggested, we have revised and supplemented the text of the article according to the comments of reviewers, and polished the language of the article again. We have adjusted the content of the supplementary material.

We believe that the revised manuscript has been substantially improved and hope it meets the standard for publication in the *World Journal of Stem Cells*. We look forward to hearing from you.

Sincerely yours,

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**RESPONSES TO THE REFEREE'S COMMENTS** (blue texts are the original comments)

Many thanks for the valuable comments on the manuscript. We have made a substantial revision to the manuscript. Please see below for details of our responses to your comments.

Reviewer #1:

Scientific Quality: Grade A (Excellent)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (High priority)

Specific Comments to Authors: First, i would like to compliment the authors for the time and effort put on the manuscript. Overall, the manuscript provides relevant information on the function of miR-3682-3p and how it directly targets FOXO3 and stimulates tumor stemness in hepatocellular carcinoma via a positive feedback loop involving FOXO3/PI3K/AKT/c-Myc Overall, the authors manage to communicate the findings of the manuscript properly and has an adequate use of statistics, therefore I recommend this article for publication.

Response: We are very grateful for your comments on the manuscript.

Reviewer #2:

Scientific Quality: Grade A (Excellent)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (High priority)

Specific Comments to Authors: None

Response: Thank you for your suggestion. We have tried our best to improve the manuscript and have made some changes in the manuscript. These changes will not affect the content or framework of the paper.

**Language polishing requirements for revised manuscripts submitted by authors who are non-native speakers of English**

As the revision process results in changes to the content of the manuscript, language problems may exist in the revised manuscript. Thus, it is necessary to perform further language polishing that will ensure all grammatical, syntactical, formatting and other related errors be resolved, so that the revised manuscript will meet the publication requirement (Grade A).

Response: The Manuscript was subjected to Charlesworth Experts editing service. Accordingly, Manuscript was edited for proper English language, grammar, punctuation, spelling, and overall style by one or more of the highly qualified native English speaking editors at Charlesworth. Charlesworth Certificate was provided with submission of the Manuscript.

## **ABBREVIATIONS**

Response: The corrections were made through all the Manuscript.

## **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:

This manuscript identified miR-3682-3p as a key inducer of cancer stem cell properties, thereby promoting the pathogenesis of hepatocellular carcinoma. In general, this study is well design and the paper is organized well. It provided evidence that the miR-3682-3p play a role in hepatocellular carcinoma and give some detail information about how it influence the process of the illness. The statistics is adequate and the results supported the conclusion suitably. The paper have sufficient table and figure which to make the results clearly.

Language Quality: Grade B (Minor language polishing)

Scientific Quality: Grade A (Excellent)

Response: Many thanks for your reminder. We have revised the manuscript according

to the reviewers and given a point-by-point answer to all questions. We hope that the revised paper meets the standard for publication. The Manuscript was subjected to Charlesworth Experts editing service. Accordingly, Manuscript was edited for proper English language, grammar, punctuation, spelling, and overall style by one or more of the highly qualified native English speaking editors at Charlesworth.

(2) Company editor-in-chief:

I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Stem Cells, 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. Before final acceptance, uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1 Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...". Please provide decomposable Figures (in which all components are movable and editable), organize them into a single PowerPoint file. Please authors are required to provide standard three-line tables, that is, only the top line, bottom line, and column line are displayed, while other table lines are hidden. The contents of each cell in the table should conform to the editing specifications, and the lines of each row or column of the table should be aligned. Do not use carriage returns or spaces to replace lines or vertical lines and do not segment cell content. Please check and confirm whether the figures are original (i.e. generated de novo by the author(s) for this paper). If the picture is 'original', the author needs to add the following copyright information to the bottom right-hand side of the picture in PowerPoint (PPT): Copyright ©The Author(s) 2022.

Response: We have provided original pictures using PowerPoint to ensure all graphs or arrows or text portions can be reprocessed by the editor.