

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 69859

**Title:** Focal adhesion kinase-related non-kinase ameliorates liver fibrosis by inhibiting aerobic glycolysis via the FAK/Ras/c-myc/ENO1 pathway

**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 04025443

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor, Senior Researcher

**Reviewer's Country/Territory:** Russia

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-07-14

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-08-04 02:08

**Reviewer performed review:** 2021-08-11 03:51

**Review time:** 7 Days and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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## SPECIFIC COMMENTS TO AUTHORS

Dear authors! I read with pleasure and interest your manuscript "Focal Adhesion Kinase-Related Non-Kinase Ameliorates Liver Fibrosis by Inhibiting Aerobic Glycolysis via the FAK/Ras/c-myc/ENO1 Pathway" submitted to the World Journal of Gastroenterology. It is based on the results of series of experiments. Despite experimental nature the work may have clinical outcome as it reveals potential targets for anti-fibrotic treatment. There are some concerns on the manuscript structure and format. The aim of the work needs to be expressed more correctly: it cannot present the results, but have to show the goal you were followed to (please, use "to study..."/"to elaborate..."/"to elucidate..." etc, followed by what was studied and to what purpose). Please, pay attention that there are some incorrectness in the introduction. Thus, fibrosis is not a disease, but pathologic process or its outcome, as well as cirrhosis. Elimination of aetiological agent is nowadays possible in most of cases of HCV infection. Please, consider revision. I would suggest revision of the introduction section to explain the need for stages of work, described below. Is it possible to provide design of the study section and/or a figure, explaining the work stages. It would be also good, if the data processing was also described. Despite it is mentioned, that the results are expressed in Mean+/-SD format, the manuscript contains no digital data. Some data, shown on figures are in unknown format -for example, it is not clear, what "related to controls" means in case "control" column is also present on a chart (control related to control?). The data on some figures are given in unknown format. However, good publication practice requires that the data were reproducible and could be compared to the data obtained by the other authors in similar experiments. Please, revise. Please, replace the

limitations from the Conclusions to Discussion section, provide more details on possible practical / clinical outcomes of the obtained results and provide your vision of further research.

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**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03536541

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Viet Nam

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-07-14

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-07-14 00:59

**Reviewer performed review:** 2021-08-22 00:29

**Review time:** 38 Days and 23 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No
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## SPECIFIC COMMENTS TO AUTHORS

Abstract - The abstract should be rewritten and focus on the main findings. It is too long.

2. Materials and Methods - The approval number of the Ethics Committee should be added. How many mice were used for each time point and each group? - The authors should provide the origin of chemicals (ex., pronase, collagenase) and the name of chemical for density gradient centrifugation - On page 10, the authors should clarify the origin of HSCs. - The author should provide the origin and isotype of the antibodies. - Why did the author choose 2 ng/mL TGF- $\beta$ 1? How long were cells treated with TGF-beta 1 should be claimed in the material and methods

3. Results and discussion - Figure 3, Characterization of HSC should be provided? The result of desmin staining should be added? - Please add a scale bar for Fig 3A and fig 4A. - The sample size and replication should be shown in the legend of figure 3, 4

4. English: The manuscript should be corrected in spelling and grammar.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's code:** 04025443

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor, Senior Researcher

**Reviewer's Country/Territory:** Russia

**Author's Country/Territory:** China

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**Reviewer chosen by:** Li-Li Wang

**Reviewer accepted review:** 2021-11-16 05:27

**Reviewer performed review:** 2021-11-17 02:39

**Review time:** 21 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

The authors submitted the revised version of the manuscript. It is significantly improved.  
Previous comments were addressed.