

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62639

Title: Fasudil prevents liver fibrosis via activating NK cells and suppressing HSCs

Reviewer's code: 03756592

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-01-15

Reviewer chosen by: Man Liu

Reviewer accepted review: 2021-03-09 20:05

Reviewer performed review: 2021-03-14 13:10

Review time: 4 Days and 17 Hours

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 Grade E: Do not publish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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	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

This is the first report that Fasudil's inhibitory effect on liver damage is due to the apoptosis of HSC. There is novelty in that respect. In the future, clinical introduction is desired for the improvement of liver fibrosis of Fasudil. Based on that, please add some notes. 1. Please explain as much as possible the direct causal relationship between NK activation and HSC suppression. To rule out epiphenomenon associated with fasudil administration, have you also investigated whether inhibition of NK activity abolishes the HSC suppression effect? If so, please add the results and a discussion. 2. Why is Fasudil specific for the suppression of HSCs? Also, please explain why Fasudil specifically induces apoptosis in HSCs. 3. If you have studied the relationship between IL13, IL33 and other cytokines, please add it. 4. Some letters are incorrect or missing, and the abbreviation descriptions for TAA and HSC are in the wrong place. Please change them.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

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Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-01-15

Reviewer chosen by: Han Zhang (Part-Time Editor)

Reviewer accepted review: 2021-04-13 04:49

Reviewer performed review: 2021-04-13 09:57

Review time: 5 Hours

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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Thank you very much for answering my question.