

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 82372

Title: Possible mechanisms associated with immune escape and apoptosis on anti-hepatocellular carcinoma effect of Mu Ji Fang granules

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06143360

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Research Associate

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-12-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-12-25 01:02

Reviewer performed review: 2023-01-07 14:39

Review time: 13 Days and 13 Hours

Scientific quality	<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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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

SPECIFIC COMMENTS TO AUTHORS

This is about a traditional Chinese medicine. The study is very well designed and the results are very interesting. In this article, the authors induced molecular networking coupled with UPLC-ESI-TOF-MS to analyse the prototype compounds in mice plasma and a chemic profile was built based on the structures of the Mu Ji Fang Granules. This study can be accepted for publication after a minor editing. Some minor language polishing should be revised, and the figures in the manuscript should be updated with high quality images.

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Title: Possible mechanisms associated with immune escape and apoptosis on anti-hepatocellular carcinoma effect of Mu Ji Fang granules

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06143370

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Denmark

Author's Country/Territory: China

Manuscript submission date: 2022-12-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-12-25 01:02

Reviewer performed review: 2023-01-07 14:41

Review time: 13 Days and 13 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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

This study introduced the particular mechanism of action on tumor immunology in the treatment of HCC of a Chinese medicine. The methods are clearly described and the results seem very interesting. Minor comments: 1. There are some minor spelling mistakes. The authors should edit the manuscript carefully. 2. Some references seems missing, such as "Previous studies of MJF were mainly focusing on its clinical efficacy and pharmacological effects, few reported the particular mechanism of action on tumor immunology in the treatment of hepatocellular carcinoma.", in the introduction section. And some of the brackets after the reference number are missing such as "some other biological sources [20." in the discussion section. Please check and revise. 3. The sequences of primers for RT-qPCR of tumor tissue can be included in tables. 4. How about the limit of the study? If there is any, please make a short discussion about it.