

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77719

Title: Concurrent severe hepatotoxicity and agranulocytosis induced by Polygonum multiflorum: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05401900

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Iran

Author's Country/Territory: China

Manuscript submission date: 2022-05-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-17 03:20

Reviewer performed review: 2022-05-17 07:39

Review time: 4 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 Grade E: Do not publish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
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**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>

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 for your submission. Your manuscript is readable and very interesting. The manuscript is well organized and follows a clear flow.

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77719

Title: Concurrent severe hepatotoxicity and agranulocytosis induced by Polygonum multiflorum: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02731847

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Associate Professor, Staff Physician

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2022-05-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-17 17:49

Reviewer performed review: 2022-05-17 23:50

Review time: 6 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 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

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 an interesting case of Polygonum multiflorum induced HILI. Also known as He-Shou-Wu or Fo-ti, it is the most common cause of HILI in China. It is mainly used as a hair supplement and to improve insomnia and coordination. The most common lesion is hepatocellular followed by cholestatic. The mechanism of injury is probably immunologically mediated. Patients received adenosylmethionine, glutathione, glycyrrhizin, and polyene phosphatidylcholine. Their efficacy or improvement in outcomes is uncertain, tough. I would suggest the authors reading systematic review on the subject (<https://www.wjgnet.com/2307-8960/full/v9/i20/5490.htm>). Although it is an interesting case, it needs major improvement in the manuscript. Introduction is not very well written; the case could be better presented and summarized; I would suggest defining which infective liver pathologies you have excluded; discussion is better, but it lacks comparison to other cases, and discussion on the efficacy of the treatment used.

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77719

Title: Concurrent severe hepatotoxicity and agranulocytosis induced by Polygonum multiflorum: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06308805

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2022-05-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-17 08:15

Reviewer performed review: 2022-05-21 06:25

Review time: 3 Days and 22 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
Language quality	<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
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

Very interesting case and review for this rare complications of the PM causing concurrent neutropenia and DILI 1. please describe the possible mechanism of this herbal-induced neutropenia of PM 2. please describe why your team did not perform liver biopsy rather than bone marrow aspiration, your thinking process and any differential diagnosis from bone marrow biopsy?