**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

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<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[Y] Grade C: Good</th>
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<th>Language quality</th>
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<th>[Y] Grade B: Minor language polishing</th>
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<tr>
<th>Conclusion</th>
<th>[ ] Accept (High priority)</th>
<th>[Y] Accept (General priority)</th>
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<td>[ ] Minor revision</td>
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<th>Re-review</th>
<th>[ ] Yes</th>
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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.
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

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<td>Yes</td>
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**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 os not very well written; the case could be better presented and summarized; I would suggest defining which infective liver pathologies you have excuded; discussion is better, but it lacks comparison to other cases, and dicussion on the efficacy of the treatment used.
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

[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good
[ ] Grade D: Fair [ ] Grade E: Do not publish

Language quality

[ ] Grade A: Priority publishing [ ] Grade B: Minor language polishing
[ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection

Conclusion

[ ] Accept (High priority) [ ] Accept (General priority)
[ ] Minor revision [ ] Major revision [ ] Rejection

Re-review

[ ] Yes [ ] 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?