

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 61505

**Title:** Bone marrow inhibition in a patient with lupus nephritis induced by azathioprine but without a common mutation in the TPMT pathogenic site: A case report

**Reviewer's code:** 05174548

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Research Fellow

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

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

**Manuscript submission date:** 2020-12-10

**Reviewer chosen by:** Li Ma

**Reviewer accepted review:** 2020-12-15 17:29

**Reviewer performed review:** 2020-12-19 11:47

**Review time:** 3 Days and 18 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 Grade E: Do not publish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>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**

The Authors present the case of a young woman with lupus nephritis who experienced a severe myelosuppression induced by azathioprine. In the specific case, the common mutations in the TPMT pathogenic site were not detected. After discontinuation of the drug, the adverse effects gradually regressed. Overall, this is an important report and would further support the testing of TPMT gene before administrating thiopurines. Moreover, this article could support, in selected cases (i.e. EBV - patients?), further gene testing (NUDT 15 and ITPA). I believe the results of pre-therapy infectious disease screening should be clarified by the Authors. Moreover, there are some trivial typographical errors (missing spaces). Apart from that, the manuscript is overall well written, clear, and fluent, and the references are timely and up-to-date. In light of this, I believe that this manuscript should be considered for publication after correcting the above mentioned minor issues.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Clinical Cases

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**Professional title:** Doctor, Research Fellow

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

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

**Manuscript submission date:** 2020-12-10

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2021-01-21 07:49

**Reviewer performed review:** 2021-01-22 09:27

**Review time:** 1 Day and 1 Hour

<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 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

## SPECIFIC COMMENTS TO AUTHORS



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Some typo are still present, but manuscript has been improved after revision and I think it should be considered for publication.