

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 63282

Title: Aspirin-induced long-term tumor remission in hepatocellular carcinoma with APC stopgain mutation: a case report

Reviewer's code: 05752663

Position: Peer Reviewer

Academic degree: MD, MSc

Professional title: Associate Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2021-02-01

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-02-03 10:45

Reviewer performed review: 2021-02-03 13:53

Review time: 3 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 Grade E: Do not publish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 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

I think it is very interesting and unique case, and the manuscript is relatively well-written. But, there are several things to be checked first. 1. In main text, figure 1 was divided into 1A and 1B. But, in figure legend it was not reflected. 2. In general, symbols for genes are italicized. please check. 3. The authors said that amino acid sequences of the APC mutations were evaluated with the Mutation Taster, and it was provided with supplementary data. But, I can't find the supplementary data. 4. There are a few awkward expression and type errors in the manuscript. please check once again by native speaker.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 63282

Title: Aspirin-induced long-term tumor remission in hepatocellular carcinoma with APC stopgain mutation: a case report

Reviewer's code: 04054541

Position: Peer Reviewer

Academic degree: PhD

Professional title: Postdoc, Research Fellow

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-02-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-02 17:25

Reviewer performed review: 2021-02-08 11:52

Review time: 5 Days and 18 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

SPECIFIC COMMENTS TO AUTHORS

Here the authors describe a case report of hepatocellular carcinoma (HCC) remission after aspirin administration. The patient was intolerant to sorafenib and the tumor recurred many times after surgical removal. The authors showed that the patient had two particular mutations in the functional domain of APC gene, causing Wnt pathway hyper-activation. These mutations were the cause of tumor recurrence. As it is known, Aspirin plays a crucial role in the suppression of Wnt pathway by inducing β -catenin phosphorylation through the activation of GSK3 β via COX2 pathway inhibition. In this specific case, the patients achieved 4 years of disease control through aspirin administration. In my opinion, the paper is well written and discussed. The authors showed the importance to screen the gene mutations in patients suffering from HCC to better target therapy, as administering incorrect therapy on the front line can cause patient death and prevent other strategies from being tried. I suggest only a minor revision of the manuscript to better clarify the distinction from the part of methods and of the results. I think that at moment it is not so clear the distinction of the two parts. Moreover I suggest checking for oversights. A just want to suggest to remove “and a review of the literature” because in that case, the authors should have to describe and report in a much more detailed way the information present in the literature, accompanying it with many more references than those currently present in the manuscript.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 63282

Title: Aspirin-induced long-term tumor remission in hepatocellular carcinoma with APC stopgain mutation: a case report

Reviewer's code: 05752663

Position: Peer Reviewer

Academic degree: MD, MSc

Professional title: Associate Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2021-02-01

Reviewer chosen by: Man Liu

Reviewer accepted review: 2021-04-07 05:08

Reviewer performed review: 2021-04-07 05:21

Review time: 1 Hour

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 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 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



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I think the manuscript was relatively well revised accordingly, thus it would be of interest to the readership of this journal. Thank you.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Manuscript NO: 63282

Title: Aspirin-induced long-term tumor remission in hepatocellular carcinoma with APC stopgain mutation: a case report

Reviewer's code: 04054541

Position: Peer Reviewer

Academic degree: PhD

Professional title: Postdoc, Research Fellow

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-02-01

Reviewer chosen by: Man Liu

Reviewer accepted review: 2021-04-07 11:57

Reviewer performed review: 2021-04-07 13:17

Review time: 1 Hour

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
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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

The authors have satisfied all my requests so I give my consent to the publication. Please check for some oversights in the text.