



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 45459

Title: Identification of genomic features associated with immunotherapy response in gastrointestinal cancers

Reviewer’s code: 02446379

Reviewer’s country: Greece

Science editor: Jin-Lei Wang

Date sent for review: 2019-01-04

Date reviewed: 2019-01-12

Review time: 3 Hours, 8 Days

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|--|--|--|---|
| <input type="checkbox"/> Grade A: Excellent | <input checked="" type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
| <input checked="" type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language polishing | (High priority) | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good | | <input checked="" type="checkbox"/> Accept | <input type="checkbox"/> Onymous |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade C: A great deal of language polishing | (General priority) | Peer-reviewer’s expertise on the topic of the manuscript: |
| <input type="checkbox"/> Grade E: Do not publish | <input type="checkbox"/> Grade D: Rejection | <input type="checkbox"/> Minor revision | <input checked="" type="checkbox"/> Advanced |
| | | <input type="checkbox"/> Major revision | <input type="checkbox"/> General |
| | | <input type="checkbox"/> Rejection | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

In this review article written by Yin He et al the authors presented the identification of genomic features associated with immunotherapy response in gastrointestinal cancers. Overall the study is quite interesting, well written, the language is satisfactory and the



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figures along with the tables are well organized. Moreover the article incorporates comprehensively information regarding the genomic features that are associated with immunotherapy response of gastrointestinal cancers. My suggestion is that the study could be accepted for publication to the WJGO in its current form.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- No

BPG Search:

- The same title
- Duplicate publication
- Plagiarism
- No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 45459

Title: Identification of genomic features associated with immunotherapy response in gastrointestinal cancers

Reviewer’s code: 00183086

Reviewer’s country: Greece

Science editor: Jin-Lei Wang

Date sent for review: 2019-01-04

Date reviewed: 2019-01-13

Review time: 9 Days

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|--|---|--|---|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
| <input checked="" type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language | (High priority) | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good | polishing | <input checked="" type="checkbox"/> Accept | <input type="checkbox"/> Onymous |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade C: A great deal of | (General priority) | Peer-reviewer’s expertise on the |
| <input type="checkbox"/> Grade E: Do not | language polishing | <input type="checkbox"/> Minor revision | topic of the manuscript: |
| publish | <input type="checkbox"/> Grade D: Rejection | <input type="checkbox"/> Major revision | <input checked="" type="checkbox"/> Advanced |
| | | <input type="checkbox"/> Rejection | <input type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

This is a very interesting study with regard to potential identification of genomic features associated with immunotherapy response in gastrointestinal cancers. In my opinion, the survey should be accepted for publication in its current form. Modifications



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in the structure of Introduction section are highly advised as the number of paragraph should be reduced. Grammatical errors should also be corrected.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 45459

Title: Identification of genomic features associated with immunotherapy response in gastrointestinal cancers

Reviewer’s code: 02441722

Reviewer’s country: Japan

Science editor: Jin-Lei Wang

Date sent for review: 2019-01-04

Date reviewed: 2019-01-14

Review time: 3 Hours, 10 Days

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|---|---|--|---|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
| <input type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language | (High priority) | <input checked="" type="checkbox"/> Anonymous |
| <input checked="" type="checkbox"/> Grade C: Good | polishing | <input type="checkbox"/> Accept | <input type="checkbox"/> Onymous |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade C: A great deal of | (General priority) | Peer-reviewer’s expertise on the |
| <input type="checkbox"/> Grade E: Do not | language polishing | <input checked="" type="checkbox"/> Minor revision | topic of the manuscript: |
| publish | <input type="checkbox"/> Grade D: Rejection | <input type="checkbox"/> Major revision | <input type="checkbox"/> Advanced |
| | | <input type="checkbox"/> Rejection | <input checked="" type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

Title: Identification of genetic features associated with immunotherapy response in gastrointestinal cancers. The authors are reviewing the specifically genomic features related to immunotherapy response in gastrointestinal cancers using the three genomic



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features (dMMR or MSI status, TMB and tumor aneuploidy. This manuscript is very interesting. However, I feel there are some problems in this article. (1) Although the contents are very interesting, there are some places where it is difficult to understand the figures. I think that a more polite explanation is necessary. (2) For the reader, author need to describe the calculation method and significance of the immune score and ploidy score. (3) In Figure1, author should indicate the meaning of each asterisk. (4) In Figure 2B, author should indicate the unit and meaning of the vertical axis and the horizontal axis. (5) Author indicated “We found that diverse immune signatures and ploidy scores in GI cancers, including all the six immune signatures in STAD, five in liver hepatocellular carcinoma (LIHC), four in COAD.” I can not understand the inverse correlation of these factors. Author should explain in more detail so that it can be understand. (6) Author indicated “we found that the immune scores were inversely correlated with the ploidy scores in these GI cancer type (Figure 3). “ I can not find “ploidy scores” in Figure 3. Author should indicate the ploidy scores in Figure 3.

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[Y] No