



PEER-REVIEW REPORT

Name of journal: *World Journal of Stem Cells*

Manuscript NO: 82977

Title: Roles of cancer stem cells in gastrointestinal cancers

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02840633

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2023-01-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-01-04 12:34

Reviewer performed review: 2023-01-14 14:41

Review time: 10 Days and 2 Hours

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| 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 Grade E: Do not publish |
| Novelty of this manuscript | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty |
| Creativity or innovation of this manuscript | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation |



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| Scientific significance of the conclusion in this manuscript | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance |
| Language quality | <input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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

The quality of the present article writing should be improved. Please correct these grammar errors and check the whole paper carefully for similar mistakes: The incidence and mortality rate vary from country to country. (Should be: The incidence and mortality rate of EC vary from country to country.) The technique of surgical combination chemotherapy and radiotherapy enhanced (Should be: The technique of surgical combination chemotherapy and radiotherapy to treat GC enhanced) and found high expression of GCSCs surface markers OCT4 and SOX2. (Should be: and high expression of GCSCs surface markers OCT4 and SOX2.) The following multiple sentences also need to be modified. Many treatments targeting CSCs have been developed, but there is a limit to CSCs targeting therapy. The concept of CSCs is recognized A large number of studies allow tumor stem cell markers to achieve metastasis, progression and resistance of pancreatic cancer cells, There are many other elements that make CSC impressions, About 300,000 people die in EC all over the world. (Should be: About 300,000 people die in EC all over the world every year) The sentence of “CSCs can be targeted for pancreatic cancer therapy” seems to contain an



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unknown link. The review article is not simply stuffing articles, please refer to this paragraph to write the other paragraphs: The biomarkers of LCSCs are important...of liver CSLCs by changing CD24.



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Reviewer's code: 06471228

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Indonesia

Author's Country/Territory: China

Manuscript submission date: 2023-01-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-01-15 10:24

Reviewer performed review: 2023-02-01 02:42

Review time: 16 Days and 16 Hours

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|---------------------------|---|
| 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 | Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous |



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| statements | Conflicts-of-Interest: [] Yes [Y] No |
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SPECIFIC COMMENTS TO AUTHORS

The role of cancer stem cells in gastrointestinal malignancies is not an entirely novel area of discussion. Nevertheless, we believe this research is still publishable with some minor revisions. There are a number of specific details that I believe should be added to the manuscript in order to give readers with fresh perspectives on the evolution of research in this field. We have noticed in the submitted manuscript.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2023-01-02

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2023-03-02 05:51

Reviewer performed review: 2023-03-04 06:08

Review time: 2 Days

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| Scientific quality | <input checked="" type="checkbox"/> Grade A: Excellent [] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish |
| Language quality | <input checked="" type="checkbox"/> Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection |
| Conclusion | <input checked="" type="checkbox"/> Accept (High priority) [] Accept (General priority) [] Minor revision [] Major revision [] Rejection |
| Peer-reviewer statements | Peer-Review: <input checked="" type="checkbox"/> Anonymous [] Onymous Conflicts-of-Interest: [] Yes <input checked="" type="checkbox"/> No |



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SPECIFIC COMMENTS TO AUTHORS

The authors have addressed the points raised by reviewers. The current manuscript is suitable for acceptance.



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Professional title: Assistant Professor

Reviewer's Country/Territory: Indonesia

Author's Country/Territory: China

Manuscript submission date: 2023-01-02

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2023-03-05 13:17

Reviewer performed review: 2023-03-05 14:08

Review time: 1 Hour

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| 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 |
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SPECIFIC COMMENTS TO AUTHORS

I have read through the entirety of the author's revised work. Nevertheless, I did not locate any significant revisions or extra information in compliance with the previously noted review notes. It would be desirable for the author to identify any modifications or new information in the narrative that they wanted to make, so that it is easier for the reviewer to verify the changes made.