

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 67678

**Title:** Mesenchymal stem cells-derived exosomes for gastrointestinal cancer

**Reviewer's code:** 04244067

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-04-29

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-29 04:09

**Reviewer performed review:** 2021-04-30 01:16

**Review time:** 21 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<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 type="checkbox"/> Yes <input checked="" 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

## **SPECIFIC COMMENTS TO AUTHORS**

There is now an increase in in vivo and in vitro studies of exosomes derived from MSC, which may regulate tumorigenesis and metastasis. However, systematic reviews and books do not provide a full understanding. In this review manuscript, the effectiveness of MSC-derived exosomes for gastrointestinal cancers, and also digging into the features and functional mechanisms of exosomes. As the authors mentioned, MSC-derived exosomes have opposite effects on tumors, which probably dependent on cancer cell types, tumor stages and body conditions as well as the origins of MSC. This manuscript appears these questionable controversial situation of MSC-derived exosomes, and increased focus and studies of the relationship between exosomes and cancers.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 67678

**Title:** Mesenchymal stem cells-derived exosomes for gastrointestinal cancer

**Reviewer's code:** 05405722

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

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

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

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**Reviewer accepted review:** 2021-04-29 10:00

**Reviewer performed review:** 2021-05-11 16:03

**Review time:** 12 Days and 6 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<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 have summarized the effect of MSC exosomes on GI malignancies and their therapeutic potential. the manuscript is of interest to the scientific community, however, it cannot be accepted without some improvements such as: 1. in the abstract, the authors claim that MSCs play role in regulating GI cancer through paracrine only which is not the case!!!! 2. the manuscript needs extensive english editing some of which aare and not limited to: -last paragraph of the abstract.. have shown extremey potential, delete extremely; the same applies to the first sentence of the the core tip. -there is lot of repetition; In the intro: on the one hand repeated on two consecutive sentences. In section 3: For example and for instance has been repeated more than 3 times. -line 135 is not clear, should e rewritten. line 94: in vitro experimenets instead of cell experiments. -line 163: the next section not chapter line 170: increasing not increases .. line 173: has been rewritten, check attached file delete line 176 (no need for it) line 509: spelling mistake line 510: showing 3. I have serious concern about using other people's work such as in the figures without permission and without any alterations. I am against using those figures in your review. 4. Add to the table a column named references to add the used references. 5. for epidemiological data, use the latest updates 6. lot of missing references especially in the discussion .