

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 79865

Title: Emerging roles of non-coding RNAs in colorectal cancer oxaliplatin resistance and liquid biopsy potential

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03478911

Position: Associate Editor

Academic degree: PhD

Professional title: Chief Technician, Executive Vice President, Research Assistant Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2022-09-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-14 01:33

Reviewer performed review: 2022-09-15 05:43

Review time: 1 Day and 4 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 Grade E: Do not publish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 type="checkbox"/> Yes <input checked="" 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

This review well summarizes the role of ncRNAs in oxaliplatin resistance on CRC. The only issue, it is strongly suggested that the analysis of ncRNA using liquid biopsy consists of a separate paragraph. Please refer to the following paper (Int J Mol Sci. 2020 Feb; 21(4): 1398).

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Peer-review model: Single blind

Reviewer's code: 03252941

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-09-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-13 23:38

Reviewer performed review: 2022-09-16 13:51

Review time: 2 Days and 14 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
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SPECIFIC COMMENTS TO AUTHORS

This is a well-summarized comprehensive review about roles of non-coding RNAs (ncRNAs) in oxaliplatin resistance of colorectal cancer. This manuscript would be useful for readers interested in the relevant field. I have some comments to improve the manuscript. 1. Paragraphs of “MiRNAs as regulators of CRC oxaliplatin resistance,” “LncRNAs as regulators of CRC oxaliplatin resistance,” and “CircRNAs as regulators of CRC oxaliplatin resistance” are too long and boring to read. I recommend subdividing those paragraphs, for example, in upregulated ncRNAs and downregulated ones. 2. In page 10, a term “sponge” appears. Please specify the meaning of the word. 3. Cancer-associated fibroblasts (CAFs) is defined twice in pages 10 and 17. 4. In page 13, lines 12, 13, and 19, has_circ_0040809 must be hsa_circ_0040809. 5. In page 14, line 1, miR-59-5p/CDK6/PRA3 must be miR-597-5p/CDK6/PRA3. 6. In page 14, line 28, CCDC66 must be circular CCDC66. 7. In page 17, line 14, miR-766-5P/TRIM67 must be miR-766-5p/TRIM67. 8. In page 18, line 15, EVs are not defined. Please explain. 9. In Figure 2, labels of a right lower cell (e.g., oxaliplatin-resistant CRC cell) and a left upper cell had better be added. Apoptosis and Autophagy had better be accompanied by either activated (↑) or repressed (↓). 10. In page 6, line 27, “assession” may be “assessment.” 11. In page 12, line 20, “to in parental” may be “to parental.” 12. In page 16, line 6, “amongst” may be “and.”

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Peer-review model: Single blind

Reviewer's code: 03805255

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Serbia

Author's Country/Territory: China

Manuscript submission date: 2022-09-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-14 13:44

Reviewer performed review: 2022-09-24 20:44

Review time: 10 Days and 6 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



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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
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SPECIFIC COMMENTS TO AUTHORS

Dear authors, very interesting and informative review. It will be desirable to have your criteria for literature search.