

## PEER-REVIEW REPORT

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

**Manuscript NO:** 80219

**Title:** miR-627-5p inhibits colorectal cancer cell proliferation, migration and invasion by targeting Wnt2

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05573866

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2022-09-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-09-22 06:36

**Reviewer performed review:** 2022-10-01 21:13

**Review time:** 9 Days and 14 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input 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



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
-------------------------------------	---

#### **SPECIFIC COMMENTS TO AUTHORS**

some questions need answer based on the following comments: Major correction 1) Introduction is too long and needs to be summarized. 2) In page 5: authors said “Individuals with negative colonoscopy results were selected” selected for what? 3) Section materials and methods needs more structuring, it should be subtitled. Authors need to give detailed information about the grouping, culturing, detailed information about transfection, western blot analysis, and quantitative real-time polymerase chain reaction (qRT-PCR). 4) Why authors combined a normal colonic mucosal epithelial cell line (FHC), human colon carcinoma cell lines (HCT116, RKO, and SW480), and a human embryonic kidney cell line (HEK-293T) during culturing?

## PEER-REVIEW REPORT

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

**Manuscript NO:** 80219

**Title:** miR-627-5p inhibits colorectal cancer cell proliferation, migration and invasion by targeting Wnt2

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03767650

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Director, Professor

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

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

**Manuscript submission date:** 2022-09-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-10-09 23:31

**Reviewer performed review:** 2022-10-20 03:05

**Review time:** 10 Days and 3 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<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
-------------------------------------	---

## SPECIFIC COMMENTS TO AUTHORS

I read this paper with interest. The roles of miR-627-5p and Wnt2 in colon cancer were analyzed. Overall the paper is well written. However, it has the following problems. 1. Since the subtitles of the Results are in sentence form, they should be changed to noun form. For example, miR-627 was highly decreased in CRC tissues To miR-627 in CRC tissues 2. The Discussion is redundant. I think the first paragraph of the Discussion is unnecessary. 3. The Discussion is redundant. Despite many explanations of the previous reports, there are few interpretations of the results of this study in the Discussion. Please improve this point throughout the Discussion. 4. Figure legends 2, 3, and 4 contain explanations of the results. Please only mention these in the main text. 5. The following sentences in the Results should be included in the Discussion. Our previous study investigated the expression of miR-627-5p in the same clinical tissues and showed significantly decreased expression in CRC and AA tissues compared to HC tissues[19]. Besides, miR-627-5p was found to be decreased in CRC cell lines compared with those in FHC cells[19].

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 80219

**Title:** miR-627-5p inhibits colorectal cancer cell proliferation, migration and invasion by targeting Wnt2

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03767650

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Director, Professor

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

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

**Manuscript submission date:** 2022-09-22

**Reviewer chosen by:** Zhen-Heng Wei

**Reviewer accepted review:** 2022-11-08 12:59

**Reviewer performed review:** 2022-11-08 13:26

**Review time:** 1 Hour

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

statements

Conflicts-of-Interest: [ ] Yes [ **Y** ] No

#### **SPECIFIC COMMENTS TO AUTHORS**

The authors have improved the paper. But, there are some issues to be resolved. Please change the subtitles of the Results as the following: From The inverse relationship between miR-627-5p and Wnt2 expression in colorectal neoplasm tissues To The relationship between miR-627-5p and Wnt2 expression in colorectal neoplasm tissues From The tumor suppressive role of miR-627-5p in CRC cells To The role of miR-627-5p in CRC cells From The regulatory role of miR-627-5p in the Wnt/ $\beta$ -catenin signalling pathway To The role of miR-627-5p in the Wnt/ $\beta$ -catenin signalling pathway