

## PEER-REVIEW REPORT

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

**Manuscript NO:** 81014

**Title:** Current and emerging therapeutic approaches for colorectal cancer: A Comprehensive review

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

**Peer-review model:** Single blind

**Reviewer's code:** 05569322

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor, Surgeon, Surgical Oncologist

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

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

**Manuscript submission date:** 2022-10-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-10-31 12:57

**Reviewer performed review:** 2022-11-08 12:29

**Review time:** 7 Days and 23 Hours

|                    |   |
|--------------------|---|
| Scientific quality | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good<br><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 Grade E: Do not publish            |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<br><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)<br><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   |

|                                     |   |
|-------------------------------------|---|
| <b>Peer-reviewer<br/>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

Very good work, the authors present many new promising therapeutic approaches, although still in the preclinical stage. 1 : In the part of Radiation therapy, local radiotherapy can also be preoperatively downgraded, thereby increasing the rate of anal preservation surgery, meanwhile can the authors give more details about New delivery methods, such as intensity-modulated radiotherapy (IMRT)? 2: In the part of Chemotherapy, could the authors present the neoadjuvant and adjuvant regimens with separate effects? After all, neoadjuvant therapy is becoming more and more common nowadays. 3: Can the authors describe the long-term effects of Immunotherapy therapy, the shortcomings ? 4: Can the authors compare the similarities and differences between these new promising treatments and which one holds the most promise?

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**Reviewer's code:** 05382317

**Position:** Peer Reviewer

**Academic degree:** FRCS (Hon), MD

**Professional title:** Doctor, Surgeon

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

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

**Manuscript submission date:** 2022-10-21

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-12-14 11:51

**Reviewer performed review:** 2022-12-20 10:01

**Review time:** 5 Days and 22 Hours

|                    |   |
|--------------------|---|
| Scientific quality | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good<br><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<br><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 checked="" type="checkbox"/> Accept (General priority)<br><input 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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|-------------------------------------|---|
| <b>Peer-reviewer<br/>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**

The study systematically reviewed the evolutionary trends in the development of CRC treatments, and explored the potential of new therapies and how they might be used in combination with traditional therapies, as well as their advantages and disadvantages as future drugs. These summaries provided guidance for clinicians to learn and communicate.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Peer-review model:** Single blind

**Reviewer's code:** 05569322

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor, Surgeon, Surgical Oncologist

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

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

**Manuscript submission date:** 2022-10-21

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2023-01-12 02:07

**Reviewer performed review:** 2023-01-12 02:22

**Review time:** 1 Hour

|                    |   |
|--------------------|---|
| Scientific quality | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good<br><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<br><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 checked="" type="checkbox"/> Accept (General priority)<br><input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection             |
| Peer-reviewer      | Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous   |



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statements

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

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

Good work. The author's revised manuscript gives a comprehensive description of the prospect of colorectal cancer treatment.