

## PEER-REVIEW REPORT

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

**Manuscript NO:** 80319

**Title:** “Cold” colorectal cancer faces a Bottleneck in immunotherapy

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

**Peer-review model:** Single blind

**Reviewer's code:** 05630677

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Assistant Professor

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

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

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

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-11-10 15:50

**Reviewer performed review:** 2022-11-10 16:07

**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 <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 Grade E: Do not publish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 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 type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<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>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

#### SPECIFIC COMMENTS TO AUTHORS

1- I would like to suggest adding a figure to the review, describing the difference between cold and hot CRC. 2- A table showing the ICIs that could be in CRC, their mechanisms of action, and their utilization level is a must.

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**Reviewer’s code:** 05387405

**Position:** Peer Reviewer

**Academic degree:** MSc, PhD

**Professional title:** Research Scientist

**Reviewer’s Country/Territory:** Hungary

**Author’s Country/Territory:** China

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

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

**Reviewer accepted review:** 2022-11-23 11:13

**Reviewer performed review:** 2022-11-29 20:54

**Review time:** 6 Days and 9 Hours

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
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<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

## SPECIFIC COMMENTS TO AUTHORS

Authors reviewed hot and cold CRCs, and the available immunotherapy options. The article is well written, easy to follow. I recommend the following additions: - In most cases, authors present the mechanisms only, that can be potentially used, followed by "their preclinical and clinical development has only recently begun". If possible, please give more detail what mechanism of action are they trying to exploit, etc.? - Authors should also present possible methods that are in development / clinical trials, that can be used to make the tumor "hotter". E.g., a good candidate is modulated electro-hyperthermia. Please check abbreviations, e.g., ACT was not resolved. There are a few typos or small grammar issues here and there. Please carefully check those during the revision process.