

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 88620

Title: Biological Factors Driving Colorectal Cancer Metastasis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03003554

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Doctor, Research Scientist, Surgeon, Surgical Oncologist, Teacher

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2023-10-01

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-22 09:00

Reviewer performed review: 2023-11-30 08:46

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 <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 Grade E: Do not publish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 checked="" 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 checked="" type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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

.- Conclusion: Minor revisions. So, I encourage authors to improve the manuscript with these suggestions, at least in enumeration of bibliographical citations, to be evaluated for publication.

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Manuscript NO: 88620

Title: Biological Factors Driving Colorectal Cancer Metastasis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05120663

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2023-10-01

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-12-04 12:23

Reviewer performed review: 2023-12-04 13:01

Review time: 1 Hour

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This paper covers very interesting topics. Contents are generally okay but some points are missing. After improving the contents, this paper can be very useful. Specific comments are below. This review still lacks important factors. In a new short section, the author should discuss environmental, dietary, and life habit factors which influence metabolism, cell survival, tumor progression and metastasis. The authors should discuss these points; influence of those factors on tumor biology, metastasis, and clinical outcome. These factors may influence molecular pathology in each patient differentially. Along with the same context, research on environment, diet, life style, life course, and other factors should be integrated with analyses of personalized molecular biomarkers in tumor. The authors should discuss molecular pathological epidemiology research that can investigate those factors in relation to molecular pathologies, metastasis, and clinical outcomes. Molecular pathological epidemiology research has been discussed in the literature, eg, Ann Rev Pathol 2019, Gut 2022, and can be a promising direction. This will also significantly add novelty to this article. Please write TP53, TP53 mutation, TP53 gene, TP53 protein, etc. (not p53). See www.genenames.org