

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 66607

**Title:** Cold exposure and capsaicin promote 1,2-dimethylhydrazine-induced colon carcinogenesis in rats correlates with extracellular matrix remodeling

**Reviewer's code:** 05742997

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2021-04-13

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-04 02:02

**Reviewer performed review:** 2021-05-07 00:44

**Review time:** 2 Days and 22 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<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 checked="" 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
<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



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

I would like to congratulate the authors for their manuscript titled Cold exposure and Capsaicin promote 1,2-dimethylhydrazine-induced colon carcinogenesis in rats correlates with extracellular matrix remodeling. It is a very well written manuscript which provides great detail on the influence of Cold exposure and Capsaicin promote 1,2-dimethylhydrazine on colon cancer. However, I do have a few minor comments: 1. The authors should review the manuscript again for grammatical and punctuation mistakes. 2. As histopathological analysis is usually observer driven, the authors should mention how observation bias was accounted for in the study. 3. As the authors emphasize, near organization and relatively straight collagen facilitates migration of tumor cells. The readers would be interested to know the migration pattern and proportions (% of rats that had mets) mentioned in the manuscript. Was there a specific subgroup which showed higher metastasis which was statistically significant? What are the real world implications of these findings? 4. The authors should add an additional paragraph on the implications of their findings in a clinical setting. How would these findings possibly influence clinical practice? I do agree that it may be fairly early to offer comprehensive protocols for clinical practice but the readers would want to know the author's perspective on their findings and its utility.