



## PEER-REVIEW REPORT

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

**Manuscript NO:** 62917

**Title:** Plasma MMP-2 and MMP-7 levels are elevated first month after surgery and may promote growth of residual metastases

**Reviewer's code:** 05445382

**Position:** Peer Reviewer

**Academic degree:** FRCS (Gen Surg), MBBS, MD

**Professional title:** Surgeon

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

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

**Manuscript submission date:** 2021-01-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-23 16:57

**Reviewer performed review:** 2021-01-27 05:23

**Review time:** 3 Days and 12 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<br><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 Grade E: Do not publish            |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<br><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)<br><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<br>Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |



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

Congratulation to the author for there track record in study the role of protein that are proangiogenic in colorectal cancer. This paper as therapeutic impactions for the timing of chemotherapy and perhaps for development of drugs that could target this MMP proteins in the post -operative phase or perhaps, colorectal surgeon may change to alternative anti-cancer drug such the immunotherapy agent. However, I have a few comments that I believe the author may like re-examine 1. I could not find any data showed that a correlation between MMP2 and MMP7 staging of the disease (TNM /Duke's) 2. I know that the author have demonstrated the correlation of MMP proteins in benign disease and cancer but to further establish the hypothesis that author is putting forward perhaps correlation with patient that have received long chemotherapy/ chemoradiotherapy may give us new insight 3. Emergency patient presenting with obstructing Colorectal cancer that undergo laparotomy may have been recruited for longer wound. 4. I would been more exciting there were correlation between MMP proteins and correlation with KRAS mutation, MIS and MMR . 5. Is there a difference in the quantification of MMP protein from frozen plasma and fresh sample