



## PEER-REVIEW REPORT

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

**Manuscript NO:** 80285

**Title:** Hsa\_circ\_0001658 accelerates the progression of colorectal cancer through miR-590-5p/METT regulatory axis

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

**Peer-review model:** Single blind

**Reviewer's code:** 05469244

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2022-09-28

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-10-07 10:38

**Reviewer performed review:** 2022-10-19 12:02

**Review time:** 12 Days and 1 Hour

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 Grade E: Do not publish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



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

<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**

Recent studies have found that circRNA\_0001658 features prominently in the progression of tumors through being a biomarker for the diagnosis and prognosis. Such as, circ\_0001658 is highly expressed in osteosarcoma, and overexpression of this circRNA promotes the proliferation and metastasis. How circ\_0001658 interferes with the progression of CRC are not clear. miR-590-5p is lowly expressed in colorectal cancer tissues and cells, and is related to adverse clinical and pathological indicators in patients; miR-590-5p overexpression inhibits the growth and migration of colorectal cancer cells. This study designed to analysis the Hsa\_circ\_0001658 accelerates the progression of colorectal cancer through miR-590-5p/METTL3 regulatory axis. The study is well designed, methods are clearly described. The authors found that the circ\_0001658 could specifically bind to miR-590-5p and negatively modulate its expressions; METTL3 was a target of miR-590-5p and can be positively modulated by circ\_0001658. Overall, this study is very interesting, and the results are well discussed. Minor comments: 1. The aim of the study should be described in detail in the abstract. 2. Some minor language polishing should be revised. 3. The quality of the figures should be improved. 4. References should be edited and updated. 5. The limit of the study should be discussed.



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**Reviewer's code:** 05483283

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** South Korea

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

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### **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting study of miR-590-5p/METTL3 regulatory axis and colorectal cancer. The study was performed well, and the results are attractive. The manuscript should be edited before the final acceptance.