

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 60745

Title: Relationship between mismatch repair protein, RAS, BRAF, PIK3CA gene expression and clinicopathological characteristics in elderly colorectal cancer

Reviewer's code: 02840081

Position: Peer Reviewer

Academic degree: FRCS (Ed), MD, PhD

Professional title: Director, Professor, Research Fellow

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

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Reviewer chosen by: AI Technique

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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 Grade E: Do not publish
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



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SPECIFIC COMMENTS TO AUTHORS

At present, elderly patients are still the main group of colorectal cancer patients. MMR protein deletion is one of the causes of colorectal cancer, and the RAS, BRAF, and PIK3CA genes are important gene targets in colorectal cancer treatment and are closely related to the prognosis and survival of patients. In this study, the authors analyzed pathological samples and clinical data from 327 elderly colorectal cancer patients to explore the relationship among MMR, RAS, BRAF, PIK3CA and clinicopathological characteristics and the relationship between MMR and the four target genes to provide a further theoretical basis for clinicians in the diagnosis, treatment and prognosis of colorectal cancer. This study is interesting, and the results are reasonable. After a minor revision, it can be accepted for publication. 1. There are some minor language polishing, which should be revised. 2. The title can be changed to "Relationship between mismatch repair protein, RAS, BRAF, PIK3CA gene expression and clinicopathological characteristics in elderly colorectal cancer". 3. Tables and figures should be moved to the end of the manuscript. 4. The PCR steps should be included into a table.