



### PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 91644

**Title:** Identification of marker genes associated with m6A and autophagy in ulcerative colitis

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

**Peer-review model:** Single blind

**Reviewer's code:** 05755618

**Position:** Peer Reviewer

**Academic degree:** FACP, MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2024-01-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2024-01-01 11:42

**Reviewer performed review:** 2024-01-04 14:02

**Review time:** 3 Days and 2 Hours

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| <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 Grade E: Do not publish |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>Novelty of this manuscript</b>                  | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No novelty   |
| <b>Creativity or innovation of this manuscript</b> | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No creativity or innovation                                |



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

### SPECIFIC COMMENTS TO AUTHORS

It is known that methylation of m6A and autophagy plays a vital role in the pathogenesis of UC. However, there is no combination study for both of these factors. This study enlightens the pathogenesis of UC and might imply the clinical setting. They found that mRNA levels of BAG3 and P4HB are higher, and FMRI and TP531NP2 are lower in the DSS-induced colitis group in a fundamental study. However, there are some concerns about this article. 1. Please explain precisely what three machine learning is. 2. Please briefly summarize the procedure of the experiment as a figure. 3. The authors proposed the need for more experimentation and clinical application studies. What are these?