

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 89070

Title: Construction of the underlying circRNA-miRNA-mRNA regulatory network and a new diagnostic model in ulcerative colitis by bioinformatics analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04091933

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Senior Researcher

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2023-10-19

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2024-01-10 19:30

Reviewer performed review: 2024-01-23 22:08

Review time: 13 Days and 2 Hours

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 Grade E: Do not publish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

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

SPECIFIC COMMENTS TO AUTHORS

The authors conducted a groundbreaking study that resulted in constructing a circRNA-miRNA-mRNA regulatory network to investigate the mechanisms of circRNAs in UC. In general, the work can be assessed positively, however, in the discussion, the authors write that today no ceRNA networks have been constructed in UC. This is not true, since similar networks are already being developed and described in the literature. Therefore, it is highly recommended to discuss relevant publications regarding similar networks to show the differences and possible advantages of the ceRNA network constructed by the authors. It is recommended to include in the discussion not only studies on UC (for example, Xu M. et al., 2022; Dong L. et al., 2022) but also on Crohn's disease (Ye C et al., 2021), as well as on IBD in general. This ensures that the study's findings are better understood by the WJCC's readers, who are predominantly clinicians. There are no complaints about the illustrative material (tables, figures). However, the literature cited is a bit outdated, so it is recommended to include references 2023-2024.