

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 81721

Title: Expression and regulatory mechanism of the Wnt signalling pathway in colorectal sessile serrated adenomas/polyps with different syndrome types

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03476120

Position: Editorial Board

Academic degree: BSc, FACS, FASCRS, FICS, FRCS, FRCS (Ed), MBBS, MCh

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2022-11-22

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2023-01-20 05:27

Reviewer performed review: 2023-02-01 05:42

Review time: 12 Days

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 Grade E: Do not publish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 type="checkbox"/> Grade B: Good <input checked="" 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 type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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

Nice study on expression of Wnt signaling pathways in serrated polyps and its role in colorectal cancer. Some of the comments' are as follows: 1. Titles needs modification as " Clinicopathological features and Expression of regulatory mechanism of the Wnt signaling pathway in colorectal sessile serrated adenomas/polyps with different syndrome types" 2. Addition of of a table with differentiating clinical features, pathological features and IHC finding comparing both the syndromes would be better. 3. The paragraph " -----and treatment, traditional Chinese medicine treatment based on syndrome differentiation, and regular follow-up were essential" must be deleted from the conclusions - both from the abstract body and also from the main manuscript, because this study does not involve the study on the Traditional chinse Medicine (TCM) 4. Language and grammar needs significant policing

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03004840

Position: Editorial Board

Academic degree: MSc, PhD

Professional title: Academic Research, Postdoc, Senior Researcher

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2022-11-22

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2023-01-20 11:52

Reviewer performed review: 2023-02-02 12:24

Review time: 13 Days

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
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors indicated that the SSA/P patients with damp-heat syndrome have more Wnt signalling pathway activation which pointed out the higher risk of carcinogenesis. The paper is generally well written and structured. However, some minor issues listed below need to be addressed by the authors. Last sentence of the first paragraph of the introduction “Reportedly, the mortality of proximal colon cancer has decreased, despite the popularity of colonoscopy, which might be associated with the insufficient understanding of SSAs/Ps by endoscopists and the missed diagnosis of SSAs/Ps in the proximal colon [5].” is a little bit confusing. Authors are requested to check this sentence again. “Immunohistochemical analysis and criterion for judgement” title should be replaced with “Immunohistochemical analysis” Authors are asked to have any observation between size/location clinical features and b-catenin, APC, MCC staining in Patients with damp-heat syndrome. Authors are requested to share their findings in systemic and more detail. Results section shouldn’t be presented in an ordinary way. Authors are recommended to explain the association with the hypothesis of the findings in the “Case source and baseline data comparison” part of the Results

section. Group names should be indicated in Figure 3 and 4. Left panels of the figures can be used for the labeling.