

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pathophysiology

Manuscript NO: 53549

Title: Correlations of Morphology and Molecular Alterations in Traditional Serrated adenoma

Reviewer's code: 04093794

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2020-01-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-01-10 14:38

Reviewer performed review: 2020-01-14 16:00

Review time: 4 Days and 1 Hour

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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 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

Authors review recent studies of the traditional serrated adenoma in this manuscript. Their conclusions are that TSAs are rare serrated polyps located predominantly in the distal colon and at least two pathways have been identified, converging on activation of MAPK by BRAF or KRAS mutations. I think that this manuscript is well organized about the pathological and molecular characteristics of TSA. My minor comment for this manuscript shows below. In molecular alterations of Figure2, I hope more specific descriptions. For instance, descriptions of the detailed examples for "others" (-, etc.).

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pathophysiology

Manuscript NO: 53549

Title: Correlations of Morphology and Molecular Alterations in Traditional Serrated adenoma

Reviewer's code: 04145955

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-01-15 00:31

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Review time: 1 Hour

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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SPECIFIC COMMENTS TO AUTHORS

The mini-review is novel and informative. TSA is a subtype of colorectal cancer, however, its pathogenesis is poorly understood due to its rarity. This mini-review briefly and systematically reports the origin and molecular characteristics of TSA. At least two pathways of TSAs have been identified, converging on activation of MAPK by BRAF or KRAS mutations, followed by activation of WNT signaling.