PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Oncology*

Manuscript NO: 78980

Title: Somatic mutations in FAT cadherin family members constitute an underrecognized subtype of colorectal adenocarcinoma with unique clinicopathologic features

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03479334

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Chief Physician

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2022-07-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-02 01:22

Reviewer performed review: 2022-08-04 13:15

Review time: 2 Days and 11 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection

Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Thank you for the opportunity to review this manuscript.   This is an important result for understanding the clinicopathologic features in CRC patients with somatic mutation in FAT cadherin family members.   There is one comment as follows.   Minor comment

1. The authors should discuss limitations of this study.

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Title: Somatic mutations in FAT cadherin family members constitute an underrecognized subtype of colorectal adenocarcinoma with unique clinicopathologic features

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02733628

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Professor, Surgeon

Reviewer's Country/Territory: Turkey

Author's Country/Territory: United States

Manuscript submission date: 2022-07-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-10 03:37

Reviewer performed review: 2022-08-12 11:40

Review time: 2 Days and 8 Hours

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection

Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Dear authors, Thank you for sharing your   experiences on colorektal cancer deep in the moleculer science and article entitled "Somatic Mutations in FAT Cadherin Family Members Constitute an Underrecognized Subtype of Colorectal Adenocarcinoma with Unique Clinicopathologic Features". It is written good in medical language and punctatiaon and grammer. The given information is important and actual.   I recommend to acceptance and publishing the article. Sincerely

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Manuscript NO: 78980

Title: Somatic mutations in FAT cadherin family members constitute an underrecognized subtype of colorectal adenocarcinoma with unique clinicopathologic features

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05117853

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2022-07-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-12 11:35

Reviewer performed review: 2022-08-14 08:43

Review time: 1 Day and 21 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection

Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1. Please describe more thoroughly about your inclusion and exclusion criteria. 2. Although there may a link between somatic mutation in FAT cadherin family members and clinicopathologic features in patients with CRC. The authors should provide data of the functional outcome such as protein expression of these somatic mutations in FAT cadherin family to support their conclusion. 3. The authors concluded that FAT cadherin family genes mutation profile defines a subtype of CRC with favorable clinicopathologic characteristics. However, many other factors such as MSI status, TP53 mutation, histopathological subtypes of CRC, may influence pathological feathers and prognosis. The authors should address how to avoid the effects of other potential confounders.