PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 68634

Title: Critical biomarkers of hepatocellular carcinoma in body fluids and gut microbiota

Reviewer's code: 05910552

Position: Peer Reviewer

Academic degree: PhD

Professional title: Teacher

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2021-05-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-03 03:01

Reviewer performed review: 2021-06-03 04:17

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] Grade D: Fair [ ] Grade E: Do not publish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) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [Y] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I personally think that the author's manuscript states what we all know, and there is no up-to-date information in it.

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 68634

Title: Critical biomarkers of hepatocellular carcinoma in body fluids and gut microbiota

Reviewer's code: 02860506

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Professor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2021-05-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-01 15:31

Reviewer performed review: 2021-06-06 15:28

Review time: 4 Days and 23 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Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The review summarizes novel biomarkers for the diagnosis and management of hepatocellular carcinoma in blood、urine and feces. As introduced，these promising biomarkers may help in early detection of HCC in a non-invasive and accurate manner. The well-organized manuscript provides a full discussion of the review reported by Guan MC et al and provides important new insight. However, the following contents of this paper require further modification or supplementation: 1.The content about biomarkers from faeces requires enrichment and extension. 2.Relevant references of "Diagnosis of HCC at advanced stages is one of the prime reason for the resistance offered to most HCC therapies" at the end of the article should be provided. 3."… for the early detection of Hepatocellular carcinoma (HCC) in normal and recurrence cases" should be modified to "… for the early detection of primary and recurrent hepatocellular carcinoma". 4.There are still some grammatical mistakes in this manuscript, such as "recurrence cases"and "one of the prime reason". Therefore, the language also needs further polishing.

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 68634

Title: Critical biomarkers of hepatocellular carcinoma in body fluids and gut microbiota

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: India

Manuscript submission date: 2021-05-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-31 21:12

Reviewer performed review: 2021-06-08 21:11

Review time: 7 Days and 23 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] 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 [ ] Major revision [Y] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript is a synopsis of the content of the review by Guan MC (2021) [doi: 10.4251/wjgo.v13.i5.351]. The previously published review professionally summarized advanced developments for HCC in biomarkers derived from body fluids and feces, including proteins, metabolites, circulating nucleic acids, CTCs, EVs, and gut microbiota. These biomarkers have the potential in diagnosis, therapy monitoring, recurrence prediction, and prognosis of HCC. Therefore, the publication of the submitted review on the review in the format of a Letter to the Editor is not reasonable, since it basically duplicates the original (for example, the bibliography completely duplicates 12 literary sources from the original review), without providing any new scientific information.

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 68634

Title: Critical biomarkers of hepatocellular carcinoma in body fluids and gut microbiota

Reviewer's code: 05947170

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2021-05-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-02 00:05

Reviewer performed review: 2021-06-11 11:04

Review time: 9 Days and 10 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) [Y] Minor revision [ ] 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

This article reviews various biomarkers in body fluids and faeces of patients that have contributed to prediction of prognosis or recurrence ,which is essential for selecting appropriate treatment measures and developing new treatment methods. 1.Molecular biomarkers in body fluids and faeces of HCC patients ,like proteins, metabolites, circulating nucleic acids, circulating tumor cells, extracellular vesicles, and gut microbiota from blood, urine and faeces are useful in early diagnosis, prognosis before or after therapy.But how much do they have to reach in order to play these roles?   2.The description of biomarkers of hepatocellular carcinoma in intestinal microbiota is not enough, please add. 3.Add diagrams to illustrate related markers is more clearly.