

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 57123

Title: Blood exosomal micro ribonucleic acid profiling reveals the complexity of hepatocellular carcinoma and identifies potential biomarkers for differential diagnosis

Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-06-02

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-06-28 07:50

Reviewer performed review: 2020-06-29 06:16

Review time: 22 Hours

| | |
|---------------------------------|---|
| 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 Grade E: Do not publish |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 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 |



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SPECIFIC COMMENTS TO AUTHORS

Dear Authors, Thank you for submitting your manuscript, entitled "lood exosomal miRNA profiling reveals the complexity of hepatocellular carcinoma and identifies potential biomarkers for differential diagnosis". The manuscript is well written and the topics is interesting and timely, however, several criticisms should be addressed as below. Major: The miRNAs of 3168, 223-3p, 455-5p, 30c-5p, 584-5p, 30c-5p, 106-3p, 628-3p, 941 do not play a role as biomerkers for HCC development diagnosis. The impact for readers of this submitted manuscript is not so high, however, several important and new evidences are reported, and the maniscript will be acceptable. Minor: 1. I think the functional disorders of each miRNAs may cause the carcinogenesis and development of HCCs. what functions?, what genes? Why thease miRNAs were selected in your analysis? 2. I think alcohol exessive intake may cause incresed amount of miR-3168 and miR-223-3p, and no relationship between these miRNAs and HCC development/ carcinogenesis was shown. Please cralify it.(Figure 2.CD) 3. Figure1. Please correct the explanation of the red and green deposits. Chanage "Cancer" into "HCC". 4. Table 1. Drinking history: please add the clear definition of No daily drinking and Daily drinking.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-06-02

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-08-06 11:16

Reviewer performed review: 2020-08-06 11:34

Review time: 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 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| 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



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Dear authors Thank you for submitting your rivised manuscript. It is properly rivised according the comments. I think the manuscript will be accepted. thank you for your response. Sincerery yours. Takuya Watanabe