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PEER-REVIEW REPORT

Name of journal: *World Journal of Hepatology*

Manuscript NO: 88329

Title: Serum omentin-1 is correlated with the severity of liver disease in patients with chronic hepatitis C

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03317258
Position: Peer Reviewer
Academic degree: DSc

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Germany

Manuscript submission date: 2023-09-20

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-15 02:45

Reviewer performed review: 2023-10-22 07:22

Review time: 7 Days and 4 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No creativity or innovation

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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
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

The purpose of the paper is to examine the effect of efficient virus elimination by DAA therapy on serum omentin-1 levels and to describe associations of serum omentin-1 with measures of liver disease severity. Study shows that liver cirrhosis but not HCV infection per se is related to elevated serum omentin-1 levels.This study has significant clinical significance，the data is authentic and reliable.But there are some qestions： 1.In the Abstract,the purpose of the research is not only the effect of HCV infection on serum omentin-1 concentrations of HCV patients, but also to describe associations of serum omentin-1 with measures of liver disease severity. We suggest supplementing relevant content. 2.In the Core tip,We see that Liver cirrhosis patients had increased serum omentin-1 levels before treatment and at sustained virological response 12 (SVR12). There are relevant research conclusions, So the innovation of this paper is insufficient 3.In the Abstract,the description of research methods is too simple. 4.In the Abstract,we see that positive correlations of serum omentin-1 with bilirubin and the model for end-stage liver disease score were detected before therapy and at SVR12. But is this the research conclusion for HCV cohor or for patients with liver cirrhosis?We suggest

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supplementing relevant content. 5.It is recommended that patients with liver cirrhosis receive Child-Pugh grading ,and further statistical analysis of subgroups.