

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 79690

Title: COVID-19 vaccination and liver disease

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06230688

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Korea

Author's Country/Territory: Japan

Manuscript submission date: 2022-09-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-05 06:28

Reviewer performed review: 2022-09-05 06:36

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 Grade E: Do not publish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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Describe the mechanism in more detail.

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Manuscript NO: 79690

Title: COVID-19 vaccination and liver disease

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06262108

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Iraq

Author's Country/Territory: Japan

Manuscript submission date: 2022-09-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-23 19:52

Reviewer performed review: 2022-09-28 16:54

Review time: 4 Days and 21 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
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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I have written my comments and suggestions in the manuscript, the authors can read them and adjust the manuscript accordingly.

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Manuscript NO: 79690

Title: COVID-19 vaccination and liver disease

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05429143

Position: Editorial Board

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Japan

Manuscript submission date: 2022-09-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-29 01:35

Reviewer performed review: 2022-09-30 00:17

Review time: 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statementsConflicts-of-Interest: [☐] Yes [☒] No**SPECIFIC COMMENTS TO AUTHORS**

In response to the 2019 global pandemic of coronavirus disease, various vaccines have been developed against severe acute respiratory syndrome coronavirus type 2 (SARS-CoV-2), several of which are highly effective in preventing COVID-19 in the general population. The authors reviewed and summarized the results of current studies on COVID-19 vaccination and liver disease. Despite the richness of the article, several issues caught my attention. Q1 The article describes the convenience of the COVID-19 vaccine in chronic liver disease in great detail. But the author's own opinions are too few, and he needs to add his own opinions. Q2 Please add some pictures if you can. Q3 As for the quoted experimental conclusions, we should analyze the experiments and point out their advantages and disadvantages to make the quoted conclusions more reliable.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06087090

Position: Peer Reviewer

Academic degree: DSc, MD, PhD

Professional title: Adjunct Professor

Reviewer's Country/Territory: Poland

Author's Country/Territory: Japan

Manuscript submission date: 2022-09-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-23 06:01

Reviewer performed review: 2022-10-02 09:19

Review time: 9 Days and 3 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
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The title reflects the main subject of the manuscript. The abstract summarizes the work described in the manuscript. The key words reflect the focus of the manuscript. The manuscript adequately describe the background and significance of the study. The manuscript describes methods in adequate details. The manuscript interprets the findings adequately and appropriately. The discussion is accurate and discusses the paper's scientific relevance to clinical practice sufficiently. The tables are illustrative of the paper contents. The manuscript cites appropriately the latest, important, and authoritative references. There is one self-citation, used in appropriate context. The manuscript is well organized and presented. The style, language and grammar are accurate and appropriate. The phrase "uncompensated cirrhosis should be replaced with "decompensated cirrhosis" The Authors have prepared their manuscripts (minireview) according to manuscript type and the appropriate category (PRISMA 2009) The manuscript meets the ethical requirements (minireview of literature- Ethics Committee approval not needed). The manuscript is valuable because it collects important data, especially on the possible adverse effects of vaccination about which there are few reports so far but are important in the context of mass vaccination. Such complications are rare, but it is important that they are properly diagnosed and treated. The article therefore has value for clinical practice.