PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 89790

Title: From prediction to prevention: Machine learning revolutionizes hepatocellular carcinoma recurrence monitoring

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 02527600

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor, Chief Physician

Reviewer’s Country/Territory: China

Author’s Country/Territory: Mexico

Manuscript submission date: 2023-11-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-11-13 05:56

Reviewer performed review: 2023-11-25 14:03

Review time: 12 Days and 8 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| [ ] Grade D: Fair | [ ] Grade E: Do not publish |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 | [ Y] Grade B: Good | [ ] 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 |
SPECIFIC COMMENTS TO AUTHORS
This editorial is based on the article “Development of a machine learning-based model for predicting risk of early postoperative recurrence of hepatocellular carcinoma”. It proposes to address the challenges related to data quality and model interpretability, and explores innovative methods such as multi-omics integration and continuous model refinement. These methods will pave the way for improving treatment outcomes for patients in the field of HCC treatment and healthcare practice. However, supplementing the machine learning type in the text would make it more complete.
Name of journal: World Journal of Gastroenterology

Manuscript NO: 89790

Title: From prediction to prevention: Machine learning revolutionizes hepatocellular carcinoma recurrence monitoring

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 02929648

Position: Editorial Board

Academic degree: PhD

Professional title: Academic Research, Director

Reviewer’s Country/Territory: China

Author’s Country/Territory: Mexico

Manuscript submission date: 2023-11-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-11-27 02:08

Reviewer performed review: 2023-11-27 02:11

Review time: 1 Hour

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<th>Grade D: Fair</th>
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<td>Novelty of this manuscript</td>
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<td>Creativity or innovation of this manuscript</td>
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**SPECIFIC COMMENTS TO AUTHORS**

It is not suitable for publication.
RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 89790

Title: From prediction to prevention: Machine learning revolutionizes hepatocellular carcinoma recurrence monitoring

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 02929648

Position: Editorial Board

Academic degree: PhD

Professional title: Academic Research, Director

Reviewer’s Country/Territory: China

Author’s Country/Territory: Mexico

Manuscript submission date: 2023-11-13

Reviewer chosen by: Cong Lin

Reviewer accepted review: 2023-12-13 02:48

Reviewer performed review: 2023-12-13 02:51

Review time: 1 Hour

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<th>Conclusion</th>
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**SPECIFIC COMMENTS TO AUTHORS**

It is suitable for publish.