# PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 59110

**Title:** Experimental models of metabolic and alcoholic fatty liver disease

**Reviewer's code:** 03004127

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** United States

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**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-09-27 13:16

**Reviewer performed review:** 2020-10-09 03:26

**Review time:** 11 Days and 14 Hours

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|---|---|
| **Scientific quality** | [  ] Grade A: Excellent    [  ] Grade B: Very good    [ Y] Grade C: Good<br>[  ] Grade D: Fair    [  ] Grade E: Do not publish |
| **Language quality** | [ Y] Grade A: Priority publishing    [  ] Grade B: Minor language polishing<br>[  ] Grade C: A great deal of language polishing    [  ] Grade D: Rejection |
| **Conclusion** | [  ] Accept (High priority)    [  ] Accept (General priority)<br>[  ] Minor revision    [ Y] Major revision    [  ] Rejection |
| **Re-review** | [ Y] Yes    [  ] No |
| **Peer-reviewer statements** | Peer-Review: [ Y] Anonymous    [  ] Onymous<br>Conflicts-of-Interest: [  ] Yes    [ Y] No |

**SPECIFIC COMMENTS TO AUTHORS**

Experimental model plays an important role in the study of metabolic and alcoholic fatty liver disease. The topic of this review is interesting and has clinical significance. However, the article introduces the animal model of fatty liver, but the article does not follow different models how to establish? What are the signs of success? What's the difference with the actual fatty liver patients? Therefore, the article is poorly organized. It is suggested to make a major revision, which can be stratified according to different modeling methods, such as alcoholic fatty liver and non-alcoholic fatty liver, and then compare their similarities and differences of clinical and pathological features, and put forward the establishment method of metabolic alcoholic fatty liver model.