

## PEER-REVIEW REPORT

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

**Manuscript NO:** 85534

**Title:** Non-alcoholic fatty liver disease: Immunological mechanisms and current treatments

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03647029

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2023-05-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-05-04 13:41

**Reviewer performed review:** 2023-05-08 12:58

**Review time:** 3 Days and 23 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

In the manuscript titled "NAFLD: Immunologic Mechanisms and Current Therapeutic Approaches," Dr. Lucy Petagine et al. performed a collection of clinical trials and other studies that demonstrate the pathogenesis of NAFLD as well as the immunological aspects of the mechanisms and how to treat and prevent it. This study contains some interesting findings that are valuable for the prevention and treatment of NAFLD. However, too many reviews and simple repetition of experiments from other articles, somewhat cumbersome and tedious writing, and lack of own insights and original discussions are the main flaw of this manuscript. Therefore, minor revisions must be made before this manuscript can be accepted for publication in World Journal of Gastroenterology.

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**Title:** Non-alcoholic fatty liver disease: Immunological mechanisms and current treatments

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05775440

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Research Scientist

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

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

**Manuscript submission date:** 2023-05-03

**Reviewer chosen by:** Geng-Long Liu

**Reviewer accepted review:** 2023-06-02 04:08

**Reviewer performed review:** 2023-06-09 06:28

**Review time:** 7 Days and 2 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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<b>Peer-reviewer statements</b>	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

In this manuscript, the author gave us a comprehensive review about the pathogenesis of NAFLD and the current treatment options for the patients, which is attractive for the readers in NAFLD field. Only one suggestion is that the targets of the highlighted current trails should be marked in the Table 1.