

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 72084

Title: Nonalcoholic Fatty Liver Disease Shows Significant Sex Dimorphism

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01805500

Position: Editorial Board

Academic degree: CCST, MD

Professional title: Adjunct Professor, Professor, Research Scientist, Senior Researcher, Senior Scientist, Teacher

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-10-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-05 12:31

Reviewer performed review: 2021-10-05 13:56

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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This reviewer should congratulate authors for approaching this interesting topic. Some suggestions to let readers have a broader view of the issue. The key point is this..... a study showed that women with NAFLD lost the protective effect that women have against cardiovascular disease...thus the hormonal factor seems to play a reduced role. Authors are requested to comment on this aspect. Could glucocorticoids have some effects in sexual dimorphism, at the light of their key role in pathogenesis of NAFLD, as evident in..World J Gastroenterol. 2013 Oct 28; 19(40): 6735-6743. Authors should speculate on this alternative Hypothesis

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Manuscript NO: 72084

Title: Nonalcoholic Fatty Liver Disease Shows Significant Sex Dimorphism

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02536349

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2021-10-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-07 16:31

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Review time: 1 Hour

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



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statements

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

SPECIFIC COMMENTS TO AUTHORS

Thank you for this well-prepared review. I t deserves publismment. I want to raise few points. 1- MAFLD has not been fully replaced NAFLD completely. There are still a debate on subject. NAFLD is still being used. (<https://easl.eu/event/digital-nafld-summit-2021/>) Actually MAFLD has many advantages, but Lean-NAFLD cases without any metabolic disturbances are not covered by this replacement. Maybe non-MAFLD will be used instead of lean NAFLD without MAFLD. So adding "NAFLD with metabolic criteria" will justify the issue still under debate. 2- A typographic error " Kupfer" to "Kupffer" 3- "some people believe that " sentence needs citation.

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Title: Nonalcoholic Fatty Liver Disease Shows Significant Sex Dimorphism

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03023808

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Portugal

Author's Country/Territory: China

Manuscript submission date: 2021-10-05

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Reviewer performed review: 2021-10-18 20:53

Review time: 13 Days and 12 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input checked="" type="checkbox"/> Yes <input 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 authors present a review on the gender differences in the pathogenesis, epidemiology and clinical course of MAFLD. It is an interesting topic, with potentially clinical impact, for which I commend the authors. However, I think the manuscript needs major rewriting, in order to be easier to read and to convey a more clear message. The organization is a bit confusing. For example, it is not clear the difference of chapters pathogenesis and pathophysiology. I believe both words have similar meaning. The chapter on hepatocellular carcinoma is particularly confusing. The abstract should be completely reviewed. For example, it is not logic to say that men have more severe fibrosis, but women have faster fibrosis progression. Also, what do the authors mean when stating that men benefit more from treatment, what treatment? Furthermore, the sentence “the development and prognosis are worse among women than among men” is difficult to interpret, since before the authors said before men had higher prevalence of MAFLD and advanced fibrosis. MAFLD is not exactly the same as NAFLD. Also, MAFLD does not manifest as NAFLD or NASH. It could be said MAFLD manifests as simple steatosis or steatohepatitis with different degrees of liver fibrosis.