

PEER-REVIEW REPORT

Name of journal: *World Journal of Experimental Medicine*

Manuscript NO: 66978

Title: Potential role of intermittent fasting on decreasing cardiovascular disease in human immunodeficiency virus patients receiving antiretroviral therapy

Reviewer's code: 05420211

Position: Peer Reviewer

Academic degree: BSc, MPhil, MSc

Professional title: Academic Research, Research Associate, Teacher

Reviewer's Country/Territory: Pakistan

Author's Country/Territory: United States

Manuscript submission date: 2021-04-11

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2021-07-09 11:07

Reviewer performed review: 2021-07-18 17:56

Review time: 9 Days and 6 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 Grade E: Do not publish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 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
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 statements	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

Manuscript No.: 66978 Title: POTENTIAL ROLE OF INTERMITTENT FASTING ON DECREASING CARDIOVASCULAR DISEASE IN HIV PATIENTS RECEIVING ANTIRETROVIRAL THERAPY In this study, the author has studied “POTENTIAL ROLE OF INTERMITTENT FASTING ON DECREASING CARDIOVASCULAR DISEASE IN HIV PATIENTS RECEIVING ANTIRETROVIRAL THERAPY.” A lot of studies have already been carried out on a similar topic, and comprehensive data is available in the literature. The manuscript is poor and not well written. Sentence making is very poor in this manuscript. The English language used in the manuscript needs major improvements as there are some punctuation and grammatical mistakes present throughout the manuscript. The figures required the proper explanation and caption. The study principle and objective are not clear. Moreover, the repetitions of sentences are common, and no data is presented in table form and no mechanistic figure is added. The introduction section is poor followed by literature, which reflects that the author needs a more comprehensive way of thinking. The conclusion part is not up to the mark. Most of the references are from low impact journals. It is obvious that the quality of the manuscript does not fulfil the standards of the journal, therefore should be rejected in its present form. Specific comments: 1. The Abstract needs to be revised, please add strong background knowledge. 2. Page 3: “Intermittent Fasting is a widespread practice...” Intermittent fasting of how many hours/days? 3. Page 4: “The 2019 Heart Disease and Stroke Statistics update of the American Heart Association (AHA) reported that 48 percent of persons \geq 20 years of age in the United States have some form of Cardiovascular Disease (CVD).” Please enlist few types of CVD that are most abundant in the USA. 4. Page 4: It is recommended to add updated epidemiology of CVD in the united stated. 5. Page 4: “Intermittent fasting (IF), consisting of periods of strict calorie

restriction (CR)..." On which counts IF is the optimal choice because some drugs also showed good results. 6. Page 4, The whole introduction section is general. Authors are advised to revise the introduction section carefully and add more data to make an association between each paragraph to support the problem statement. It is advised to add literature in the introduction section to create a research gap. 7. Page 5: What is the novelty of the present study? 8. Page 5: "High blood pressure, hyperlipidemia, metabolic syndrome, diabetes, obesity, and smoking are some of the clinical characteristics of HIV patients with or without ART that contribute to these rates." This is a repeated data, already present in the introduction section. 9. Page 5: "Epidemiology" This heading is not well explained, no countrywide epidemiology is presented. Authors are advised to revise this section and add a figure/table of the epidemiology of CVD and HIV. 10. It is recommended to add data in tabular form for the best representation of the effect of IF on CVD with HIV. (e.g., Study type, No. of patients, clinical effect, mechanism, etc.). 11. It is recommended to add the mechanistic figures of IF on CVD both in direct and indirect mechanisms that how IF help to reduce CVD and what is the main mechanism behind it. 12. The conclusion section lacks future recommendations and should be revised critically. 13. Authors are advised to proofread the whole manuscript to overcome grammatical mistakes. 14. Authors are advised to add a list of abbreviations. 15. The figures need proper interpretation and appropriate captions. 16. The headings and subheadings need to be revised. 17. Most of the references are old and not from prestigious journals, please revise them.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Academic degree: BSc, MPhil, MSc

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Reviewer's Country/Territory: Pakistan

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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
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
Peer-reviewer statements	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



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Authors have addressed all the comments and improved the quality of the manuscript.
The manuscript is recommended for publication in the present form.