

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 75949

Title: Cardiotoxicity of current antipsychotics: newer antipsychotics or adjunct therapy?

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02804922

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Mexico

Author's Country/Territory: China

Manuscript submission date: 2022-02-23

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-23 05:43

Reviewer performed review: 2022-03-02 20:36

Review time: 7 Days and 14 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 Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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
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 Letter to the Editor submitted by Zheng Liu and co-cowerkers titled "Cardiotoxicity of current antipsychotics: new antipsychotics or adjunctive therapy?". It is correctly stated and presented; however, some points need to be corrected to improve the quality of this document. The sentence "inhibition of oxidative stress and proinflammatory cytokines (e.g., NF- κ B and TNF α) was also shown to be protective against clozapine-induced cardiotoxicity[11-13]" should be clarified because NF- κ B is a transcriptional factor that mediates several cellular processes but is not an oxygen intermediary (DOI: 10.1016/j.cotox.2017.11.002), so it would be convenient to correct the example. Once corrected, I believe that this paper can be considered for publication.

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 75949

Title: Cardiotoxicity of current antipsychotics: newer antipsychotics or adjunct therapy?

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01919991

Position: Peer Reviewer

Academic degree: MSc, PhD

Professional title: Research Scientist

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-02-23

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-23 05:17

Reviewer performed review: 2022-03-05 12:34

Review time: 10 Days and 7 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
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
Re-review	<input type="checkbox"/> Yes <input checked="" 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 letter to the editor entitled xxx addresses an important issue: cardiotoxicity secondary to therapy with old and new generation antipsychotics. Serious and sometimes life-threatening side effects on the heart are a major limitation to the wide clinical use of some classes of antipsychotics. For this reason, the arguments proposed by the authors are an interesting starting point for reflection on this issue. However, there are some points in the manuscript that need to be amended to improve the quality of the manuscript. For example, in the sentence "Of note, the dose-related anti-cardiovascular and antiarrhythmic effects of n-3 PUFAs have been observed ..." the term "anti-cardiovascular" is misleading and I recommend to modify the sentence to convey the correct message.