

PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 64549

Title: Brain reward circuitry: The overlapping neurobiology of trauma and substance use disorders

Reviewer's code: 03604107

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Albania

Author's Country/Territory: United States

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Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-09 15:47

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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 Grade E: Do not publish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 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 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="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The paper has an exquisite language, of a very important theme that is largely written with competence. However, many readers will find it confusing. Starting with the title 'brain reward... and neurobiology of trauma' is a weak connection to the substance use disorder, that has been detailed thereafter. Trauma (psychotrauma) obviously lead to increased risk of abusing with substances (BZD above all); but I did not found any word on ethanol... it is as important as maybe all psychotropics together in this field. Please systematize your ideas. Use one or more tables to showcase contributions of different authors. It is important to quote relevant sources. Kindly explain in details the methodology of choosing the authors that you are quoting. The bulk of studies is enormous. Focus on pioneering studies on PTSD. Several studies have suggested intrinsic role of locus coeruleus and adrenergic responses. Maybe it is not only amygdala and hippocampus, otherwise said... References are not formatted conformingly with journal guidelines: quote in numbers [1]...[2] and consult the journal website.