

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Psychiatry*

**Manuscript NO:** 64937

**Title:** Nuclear receptors modulate inflammasomes in the pathophysiology and treatment of major depressive disorder

**Reviewer's code:** 02548382

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2021-03-01

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-08 17:07

**Reviewer performed review:** 2021-05-08 17:48

**Review time:** 1 Hour

<b>Scientific quality</b>	[ <input checked="" type="radio"/> ] Grade A: Excellent [ <input type="radio"/> ] Grade B: Very good [ <input type="radio"/> ] Grade C: Good [ <input type="radio"/> ] Grade D: Fair [ <input type="radio"/> ] Grade E: Do not publish
<b>Language quality</b>	[ <input checked="" type="radio"/> ] Grade A: Priority publishing [ <input type="radio"/> ] Grade B: Minor language polishing [ <input type="radio"/> ] Grade C: A great deal of language polishing [ <input type="radio"/> ] Grade D: Rejection
<b>Conclusion</b>	[ <input checked="" type="radio"/> ] Accept (High priority) [ <input type="radio"/> ] Accept (General priority) [ <input type="radio"/> ] Minor revision [ <input type="radio"/> ] Major revision [ <input type="radio"/> ] Rejection
<b>Re-review</b>	[ <input checked="" type="radio"/> ] Yes [ <input type="radio"/> ] No
<b>Peer-reviewer statements</b>	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**

An excellent and pleasurable to read review, with very good English. Your review is systematic, but the Methods and search strategies and databases searched are not stated. Also, there is no PRISMA flowchart. I recognise that adding them would spoil the manuscript flow, but you could include them in a supplement, Few remarks: "caused by a chronic constriction injury (CCI) model" --> "caused by chronic constriction injury (CCI)." I realise the finding was in the context of an animal model, but the sentence would be better understood as I suggest, since a model does not cause. Later, "estrogen deficiency mice" --> "estrogen-deficient mice".