# PEER-REVIEW REPORT

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

**Manuscript NO:** 77234

**Title:** Galectin-3 mediated risk of inflammation in stable schizophrenia, with only possible secondary consequences for cognition

**Provenance and peer review**: Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05649353

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2022-04-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-04-25 08:31

**Reviewer performed review:** 2022-05-03 10:47

**Review time:** 8 Days and 2 Hours

| Scientific quality | [ ] Grade A: Excellent   [ ] Grade B: Very good   [ ] Grade C: Good [ Y] Grade D: Fair   [ ] Grade E: Do not publish |
|---|---|
| **Language quality** | [ Y] Grade A: Priority publishing   [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing   [ ] Grade D: Rejection |
| **Conclusion** | [ ] Accept (High priority)   [ ] Accept (General priority) [ ] Minor revision   [ ] Major revision   [ Y] Rejection |
| **Re-review** | [ ] Yes   [ Y] No |

| Peer-reviewer statements | Peer-Review: [ Y] Anonymous   [    ] Onymous |
|---|---|
|  | Conflicts-of-Interest: [    ] Yes   [ Y] No |

## SPECIFIC COMMENTS TO AUTHORS

1.In result, the author said that "The serum levels of Gal-3, IL-33, sST2, TNF-α, IL-4, IL-6, IL-17, IL-23, IL-1β and TGF-β were examined in SC and HC groups." It is will be clearer to display these results in form or figure.   2.In this study, there are statistical differences between the groups other indicators except TGF-β? Please clarify.   3.In the binary logistic model, I don't know what confounders have been adjusted; in addition, the ORs value is close to "1" for TGF-β and Gal-3 in Figure B, but the P value is very small, please check.   4.In linear regression analysis, what confounders have been adjusted？  Please clarify.   5.Do the author correct the impact of other confounders when doing correlation analysis?   6.There is no meaningful to only explore the correlation of serum Gal-3 levels with cognition, serum cytokines, and white blood cell count, in contrast, I wonder that Gal-3 levels how to affect these indicators.

# PEER-REVIEW REPORT

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

**Manuscript NO:** 77234

**Title:** Galectin-3 mediated risk of inflammation in stable schizophrenia, with only possible secondary consequences for cognition

**Provenance and peer review**: Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05794765

**Position:** Peer Reviewer

**Academic degree:** DNB, MBBS, MRCP

**Professional title:** Doctor

**Reviewer's Country/Territory:** New Zealand

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

**Manuscript submission date:** 2022-04-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-05-04 21:54

**Reviewer performed review:** 2022-05-13 01:48

**Review time:** 8 Days and 3 Hours

| Scientific quality | [ ] Grade A: Excellent    [ ] Grade B: Very good    [ ] Grade C: Good<br>[ Y ] Grade D: Fair    [ ] Grade E: Do not publish |
|---|---|
| Language quality | [ Y ] Grade A: Priority publishing    [ ] Grade B: Minor language polishing<br>[ ] Grade C: A great deal of language polishing    [ ] Grade D: Rejection |
| Conclusion | [ ] Accept (High priority)    [ ] Accept (General priority)<br>[ ] Minor revision    [ Y ] Major revision    [ ] Rejection |
| Re-review | [ Y ] Yes    [ ] No |

| **Peer-reviewer statements** | Peer-Review: [ Y] Anonymous    [   ] Onymous |
|---|---|
| | Conflicts-of-Interest: [   ] Yes   [ Y] No |

## SPECIFIC COMMENTS TO AUTHORS

In my view there are some issues with validity and internal consistency which needs to be further addressed. I summarised the appraisal as strengths and weakness. Hope this will help you to improve the manuscript. Please    the file.

| Scientific quality | [ Y] Grade A: Excellent  [  ] Grade B: Very good  [  ] Grade C: Good [  ] Grade D: Fair  [  ] Grade E: Do not publish |
|---|---|
| Language quality | [  ] Grade A: Priority publishing  [ Y] Grade B: Minor language polishing [  ] Grade C: A great deal of language polishing  [  ] Grade D: Rejection |
| Conclusion | [ Y] Accept (High priority)  [  ] Accept (General priority) [  ] Minor revision  [  ] Major revision  [  ] Rejection |
| Re-review | [  ] Yes  [ Y] No |

| Peer-reviewer statements | Peer-Review: [ Y] Anonymous    [    ] Onymous |
|---|---|
| | Conflicts-of-Interest: [    ] Yes    [ Y] No |

**SPECIFIC COMMENTS TO AUTHORS**

I congratulate the researchers for their efforts. They have done a good job. The article is mostly well-written and the tables and figures are well developed. In my view the research idea is of great interest and can be a candidate for publication in World Journal of Psychiatry. However, I suggest that the manuscript is proofread by a native English speaker or Editing service. So please make sure there are no English errors.

| | |
|---|---|
| **Scientific quality** | [ ] Grade A: Excellent  [ Y] Grade B: Very good  [ ] Grade C: Good<br>[ ] Grade D: Fair  [ ] Grade E: Do not publish |
| **Language quality** | [ Y] Grade A: Priority publishing  [ ] Grade B: Minor language polishing<br>[ ] Grade C: A great deal of language polishing  [ ] Grade D: Rejection |
| **Conclusion** | [ ] Accept (High priority)  [ Y] Accept (General priority)<br>[ ] Minor revision  [ ] Major revision  [ ] Rejection |
| **Peer-reviewer** | Peer-Review: [ Y] Anonymous  [ ] Onymous |

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

## SPECIFIC COMMENTS TO AUTHORS

Strength and Limitations may be made as a separate paragraph.