PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 87240

Title: Des-Arg(9) bradykinin as a causal metabolite for autism spectrum disorder

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05142913

Position: Peer Reviewer

Academic degree: Doctor, MBBS

Professional title: Doctor

Reviewer's Country/Territory: Saudi Arabia

Author's Country/Territory: China

Manuscript submission date: 2023-07-31

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-17 12:15

Reviewer performed review: 2023-10-17 12:16

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] 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

Well written

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
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Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
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SPECIFIC COMMENTS TO AUTHORS

The manuscript tackles a pressing concern in the medical field: the identification of diagnostic biomarkers for Autism Spectrum Disorder (ASD). By aiming to interpret the causal relationship between ASD and a metabolite profile, the study addresses the complexity of ASD's etiology, acknowledging both genetic and environmental factors. The robust methods employed in this study, along with the transparent presentation of results, make this a significant contribution to the literature. However, a few areas require clarification and elaboration: 1. Offer more context around the choice of populations and the implications of primarily using a European dataset. 2. Elaborate on the technical aspects of the methods, ensuring clarity for readers from diverse backgrounds. 3. Provide deeper discussions on the results, explaining their implications and significance in plain language. 4. Improve visual aids to support and enhance the presentation of findings and your figures 5. Emphasize the broader implications, potential limitations, and future research directions in the discussion section.