



PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 85061

Title: Glutamate decarboxylase 1 gene polymorphisms are associated with respiratory symptoms in panic disorder

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 02325110

Position: Editorial Board

Academic degree: MD

Professional title: Chief Doctor, Senior Research Fellow

Reviewer’s Country/Territory: Germany

Author’s Country/Territory: China

Manuscript submission date: 2023-04-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-04-19 14:53

Reviewer performed review: 2023-05-04 02:37

Review time: 14 Days and 11 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



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Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 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

SPECIFIC COMMENTS TO AUTHORS

This is an excellent work both in terms of scientific quality and in terms of the presentation and classification of the results. The style and language of the manuscript are brilliant. The results are of high relevance, especially since a Chinese sample was examined here. In my opinion, the work meets the high standards of the World Journal of Psychiatry and can be recommended for publication. - A small suggestion for improvement: the heading for Table 2 should read: "GAD1 gene polymorphisms of patients with PD in this Chinese population"



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Peer-review model: Single blind

Reviewer’s code: 02445209

Position: Editorial Board

Academic degree: N/ A, MD, PhD

Professional title: Professor

Reviewer’s Country/Territory: Czech Republic

Author’s Country/Territory: China

Manuscript submission date: 2023-04-12

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-05-04 06:55

Reviewer performed review: 2023-05-10 11:42

Review time: 6 Days and 4 Hours

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input 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

SPECIFIC COMMENTS TO AUTHORS

Dear authors, I have a few comments on your manuscript: - Introduction: You write that the etiology of PD is complex. Which etiological factors contribute to the development of PD? As of genetic factors, how much of heritability is estimated in PD? Are there any genome-wide association studies on PD, with which results? Apart from the GAD1, which other genes are important in the PD’s etiology? - Introduction: Which hypotheses did you test? - Methods: Was the number of PD patients a healthy controls sufficient to prove the effect of the GAD1 gene polymorphisms? Did you perform the statistical power analysis before the study? - Results: Would you state more clearly what you mean under the terms "urban location" and "rural location"? The definition of these locations may be different in different parts of the world. - Table 2: The title is not correct, because the table involves not only PD patients but also controls. - At several parts of your manuscript, especially in the tables, you write "polimorphisms" instead of "polymorphisms". The reviewer



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Peer-review model: Single blind

Reviewer’s code: 02445209

Position: Editorial Board

Academic degree: N/ A, MD, PhD

Professional title: Professor

Reviewer’s Country/Territory: Czech Republic

Author’s Country/Territory: China

Manuscript submission date: 2023-04-12

Reviewer chosen by: Yu-Jie Ma

Reviewer accepted review: 2023-05-22 06:25

Reviewer performed review: 2023-05-22 06:31

Review time: 1 Hour

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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

Dear authors, I do not have any other comments on your manuscript. The reviewer