

## PEER-REVIEW REPORT

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

**Manuscript NO:** 82905

**Title:** Knowledge, attitudes and experiences of genetic testing for autism spectrum disorders among caregivers, patients, and health providers: A systematic review

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

**Peer-review model:** Single blind

**Reviewer's code:** 05820295

**Position:** Peer Reviewer

**Academic degree:** MBBS

**Professional title:** Doctor, Research Scientist

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

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

**Manuscript submission date:** 2022-12-30

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-01-03 05:59

**Reviewer performed review:** 2023-01-13 04:01

**Review time:** 9 Days and 22 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 Grade E: Do not publish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 checked="" 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 checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

The manuscript entitled Knowledge, Attitudes and “Experiences of Genetic Testing for Autism Spectrum Disorders among caregivers, patients, and health providers: a Systematic Review” is a systematic review evaluating the current Research on knowledge, experiences, and attitudes towards genetic testing among caregivers of children with ASD, adolescent and adult ASD patients, and health providers. The comments to the authors are as follows: 1) “Diagnosis of ASD lacks subjective biomarkers and primarily relies on clinical observation and evaluation of individuals’ behavioral and developmental characteristics” I think this should be: “Diagnosis of ASD lacks objective biomarkers and primarily relies on subjective parameters such as clinical observation and evaluation of individuals’ behavioral and developmental characteristics” 2) A background regarding the genetic polymorphisms associated with ASD may be added. 3) There must be a clear distinction between the perspectives of the care givers and health care providers. These two groups cannot be merged under one heading. Overall, the manuscript is the first study that systematically reviews caregivers', patients', and health providers' knowledge, experiences, and



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attitudes toward genetic testing for ASD. It must be considered for publication after a few minor changes.

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**Reviewer's code:** 02916557

**Position:** Peer Reviewer

**Academic degree:** AGAF, PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2022-12-30

**Reviewer chosen by:** Yu-Lu Chen

**Reviewer accepted review:** 2023-02-15 02:47

**Reviewer performed review:** 2023-02-24 01:38

**Review time:** 8 Days and 22 Hours

Scientific quality	<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
Novelty of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No novelty
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<b>Language quality</b>	<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
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<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

The manuscript    can be published at this stage