

**Review Form 3**

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_129483
Title of the Manuscript:	The Role of 5-Hydroxytryptamine in Autism Spectrum Disorder: Behavioral and Genetic Insights
Type of the Article	

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This journal’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty**’, provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The study of serotonin (5-HT) in autism spectrum disorder (ASD) is relevant because it contributes to understanding the neurochemical mechanisms that influence the disorder. Serotonin plays an essential role in behavioral, social, and cognitive functions, areas affected in ASD. Research on the link between serotonin dysregulation and core symptoms, such as repetitive behaviors, communication deficits, and difficulties in social interactions, may help clarify the biological processes underlying the disorder, offering new perspectives for more accurate diagnoses and personalized treatments. Studies in this area also have implications for other neuropsychiatric disorders, such as anxiety and depression, and may guide understanding of the interaction between genetic and environmental factors, such as maternal stress during pregnancy, which influences fetal brain development and may increase the risk of neurobehavioral changes throughout life, contributing to the emergence of neurodevelopmental disorders and their clinical manifestations.	Noted
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	Thanks
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is very poor, as it should contain: introduction, objectives, methods, results and conclusion.	
Is the manuscript scientifically, correct? Please write here.	No, the article does not present the topics required for a review article. The article does not present the methods used for its review. In addition, review studies must also contain a table with the main studies, the Prisma table and also present a discussion based on the included studies.	Noted
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No, the article contains many references that are more than 5 years old. I suggest searching for articles in the databases US National Library of Medicine (Pub Med), Scientific Electronic Library online (SCIELO), Latin American Caribbean Health Sciences Information System (LILACS), Science Direct (Elsevier), Embase, Taylor and Francis, Wiley.	Effected revision
Is the language/English quality of the article suitable for scholarly communications?	Yes	Thanks
Optional/General comments	The article is relevant to the scientific community, but it needs many corrections to become a robust article suitable for publication.	

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	