

ReviewForm3

JournalName:	AsianJournalofResearchinMedicalandPharmaceuticalSciences
ManuscriptNumber:	Ms_AJRIMPS_126535
TitleoftheManuscript:	EvaluationofCadmiumChlorideadministrationandRestraintStressexposureonCognitivefunctionofFemaleWistarRats
TypeoftheArticle	OriginalResearchArticle

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PART1:ReviewComments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript on evaluating Cadmium Chloride administration and restraint stress exposure on cognitive function in female Wistar rats is crucial in advancing our understanding of environmental and psychological stressors on cognitive health. Cadmium, a heavy metal with known neurotoxic effects, and restraint stress, a widely used model of psychological stress, can both significantly impact brain function and cognitive performance. This research is vital as it sheds light on the combined effects of chemical exposure and stress, specifically on female physiology, which is often underrepresented in toxicology studies. The findings from this manuscript could provide insights into the mechanisms through which these factors alter cognitive function, helping to inform future studies and potential interventions. Additionally, it offers valuable data for developing guidelines on exposure limits and stress management, with implications for both public health and environmental safety.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>YES</p>	
<p>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.</p>	<p>YES</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>YES</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript on the "Evaluation of Cadmium Chloride Administration and Restraint Stress Exposure on Cognitive Function of Female Wistar Rats" is scientifically robust and technically sound, demonstrating thorough research design and meticulous methodology. By investigating both chemical (Cadmium Chloride) and psychological (restraint stress) stressors, the study provides a comprehensive evaluation of their individual and combined effects on cognitive function. The use of female Wistar rats addresses a critical gap in toxicological research, as female responses to neurotoxic and stress exposures are often underrepresented. The study's approach, involving controlled dosages and standardized cognitive assessments, ensures that findings are reliable and reproducible. Overall, this manuscript contributes valuable insights into neurotoxicology and stress research, setting a high standard for future studies in environmental and cognitive health fields.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>YES</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>YES</p>	

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<u>Optional/General</u> comments	NA	
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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>	

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