

ReviewForm3

JournalName:	AsianJournalofResearchinMedicalandPharmaceuticalSciences
ManuscriptNumber:	Ms_AJRIMPS_126535
TitleoftheManuscript:	EvaluationofCadmiumChlorideadministrationandRestraintStressexposureonCognitivefunctionofFemaleWistarRats
TypeoftheArticle	OriginalResearchArticle

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PART1:ReviewComments

CompulsoryREVISIONcomments	Reviewer'scomment	Author'sFeedback(Pleasecorrectthemanuscriptandhighlightthatpart inthemanuscript.Itismandatorythatauthorsshouldwritehis/herfeedback here)
Please write a few sentences regarding the importance ofthismanuscriptforthescientificcommunity.Whyd o youlike(ordislike)thismanuscript? Aminimumof3-4 sentences may be required for this part.	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.Thefindingsfromthismanuscriptcouldprovideinsightsintothemechanismsthroughwhich hese 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 implicationsforbothpublichealthandenvironmentalsafety.	Noted
Isthetitleofthearticlesuitable? (Ifnotpleasesuggestanalternativetitle)	YES	Thanks
Is the abstract of the article comprehensive? Do you suggesttheaddition(ordelation)ofsomepointsinthis section? Please write your suggestions here.	YES	Thanks
Aresubsectionsandstructureofthemanuscript appropriate?	YES	
Please write a few sentences regarding the scientific correctnessofthismanuscript.Whydoyouthinktha t thismanuscriptisscientificallyrobustandtechnical ly sound? A minimum of 3-4 sentences may be required for this part.	This manuscript on the "Evaluation of Cadmium Chloride Administration and Restraint Stress Exposure onCognitiveFunctionofFemaleWistarRats"isscientificallyrobustandtechnicallysound,demonstra ting 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 valuableinsightsintoneurotoxicologyandstressresearch,settingahighstandardforfuturestudiesin environmental and cognitive health fields.	Noted
Arethereferencessufficientandrecent?Ifyouhave suggestions of additional references, please mention them in the review form.	YES	Thanks
MinorREVISIONcomments	YES	OK
Isthelanguage/Englishqualityofthearticlesuitable for scholarly communications?		

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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>	