

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_82095
Title of the Manuscript:	EFFECTS OF TOLTERODINE ON DEPRESSION, ANXIETY, LEARNING AND MEMORY IN MICE
Type of the Article	Original Research Article

General guideline for Peer Review process:

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 guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments	<p>The manuscript titled "Effects of tolterodine on depression, anxiety, learning and memory in mice" authored written and organized well. Though several scientific and grammatical flaws need to be rectified before it gets accepted.</p> <ol style="list-style-type: none"> 1. Introduction part is not well covered their topics, it should be what are all the works done by others and what is lacking and what authors plan 2. of this study are to be explained well. 3. In Methodology section authors described "Drugs were dissolved in saline. Saline was used as the vehicle controls" But authors did not mention about concentration level and dilution level? 4. Section 2.1.1 has spelling mistake 5. Under Results section Figure 1: Y axis legend What is the time unit(m or hour or days)? 6. Another big clarification authors need to provide " Is there any specific cause for Imipramine 30mg/kg vs Tolterodine 0.3 mg/kg? We could find only minor variation between these two conditions" 7. Instead of using similar type of bar chart authors also consider to provide comprehensive table of these results, It help readers to get all Information in one table. 8. Discussion part authors says " one drug efficacy. The questions are <ol style="list-style-type: none"> (a) What is the most tolerable dose of both imipramine and tolterodine? (b) Did authors tested the forced swimming test when the animals in starving period or night time? 9. Discussion and conclusion sections are weak, authors need to strengthen by adopting supporting references and methods. For instance "authors mentioned in conclusion Patients with OAB who need antidepressant and anxiolytic therapy can be treated with a single drug instead of more than one drug» how to they draw conclusion? If it one drug is prescribed how they determine efficacy of that specific drug? Which drug is best/poor efficacy? It is difficult to draw such conclusions, hence authors should pay special attention to this. 	

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Minor REVISION comments	Minor revision 1. Paragraphs are not in proper shape, authors need to reform the paragraph in most meaningful way. 2. Figure2a Title has spelling mistake Y axis needs unit in all figures. 3. Authors should check the overall language of this manuscript.	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (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)
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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