SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Medical and Pharmaceutical Sciences
Manuscript Number:	**Ms_AJRIMPS_50418**
Title of the Manuscript:	**Amitriptyline induced alterations in liver and kidney function and structure in male rats**
Type of the 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:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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	Conclusion is poor: The sentence "Physicians should be aware of Amitriptyline a differential diagnosis for hepatic and renal with an unknown etiology" is obvious and well-known. Many previous reports (some of them mentioned in the discussion of this one) have reported the undesirables side effects of Give some examples of enzyme activities, metabolites, ion change or histology observations related to the side effects Material & methods: Doses of Amitriptyline is 70 mg/kg body weight/daily in the abstract and 100 mg/Kg day in the proper section. Please, clarify this discrepancy. Is that doses inside the range of human doses in usual depression treatments? This should be discussed. The doses seem to be exaggerated for human prescriptions Replace "creatinine" by creatine in the final paragraph. Creatinine is the derived compound of creatine to be excreted. Discussion is rather descriptive. Some attempts to interpret the changes observed would be helpful (i.e. the change in the sodium, potassium and chloride serum concentrations).	- This is correct and acceptable and we made the request in our revised manuscript. - The Dose of Amitriptyline (100 mg/kg body weight/daily) for four weeks) in rats according to Tousson et al. (2018) and this dose is enough to induced depression in rats. Find this in abstract and M+M in our revised manuscript. - We replace "creatinine" by creatine in the final paragraph and we made the request in our revised manuscript. - This is correct and acceptable and we made the request in our revised manuscript.
Minor REVISION comments	Some English editing is needed to correct hypos such as "Amtriptyline" or "albumen" by "amitriptyline" or "albumin"	In response the question, this is acceptable; we correct the whole manuscript carefully to avoid punctuation mistakes and then we send our manuscript to Editing, and we made all request in revised manuscript.
Optional/General comments	This is a reasonable study on the side effects of amitriptyline, a very usual tricyclic antidepressants (TCAs) for human treatment of depression in a number of male rats. Aside the doses used, the design of the experiment is appropriate, and the statistics is clear.	Thanks

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?	*(If yes, Kindly please write down the ethical issues here in details)*	