

Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_86401
Title of the Manuscript:	Acute and sub-chronic toxicological studies of <i>Citrus aurantium</i> fruit juice in Wistar 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:

(<https://www.journaljamps.com/index.php/JAMPS/editorial-policy>)

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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>This is good study for exploring the toxicity of the medicinal plants, so that limitations of medicinal plants can be understood. The study includes the various toxicological aspects. This article can be useful for the scientific community in the field, and can be consideration for publication after addressing the following comments/ suggestions.</p> <ol style="list-style-type: none">1. If <i>Citrus aurantium</i> has the medicinal uses then why its acute and sub-chronic toxic effects were explored? This is a contradictory statement mentioned in abstract, revise it accordingly. When <i>C. aurantium</i> could exert some degree of chronic toxicity involving tissue and/or organ damage, then how it will be used in the remedy numerous diseases.2. Abstract must be redesigned without any misconception/ mismatching. Some other errors are "known as Bitter orange remains an", 2-, 4- and 8-ml body weight of the extract", "rats were m at monitored".3. Revise the first line of Introduction "<i>Citrus aurantium</i> also known as bitter orange, sour orange or <i>Oroma Inu</i> [1] is an easily available tree"4. Take a revision on these saying "The major active..... citrus herbs are mainly" "bitter orange its strong odor" "bitter orange ranges from weight management", "five (5) ???" "thirteen (13)", "The blood glucose induction of anemia"5. Are the <i>Citrus aurantium</i> and Bitter orange different? (last paragraph of introduction). Use one terminology i.e. <i>Citrus aurantium</i> or <i>C. aurantium</i>. Or <i>C. aurantium</i> fruit juice or extract throughout the manuscript.6. Include a procedure for <i>C. aurantium</i> fruit juice or extract and also mention its concentration.7. Unit is mg/kg (Dose in procedure) or ml/kg (LD and Results). Explain.8. Use the equation format for writing the formulas or equation.9. In Table 1 last column is empty.10. Mention full form for "GGT", "LDH", "MDA" along with bracket at their first appearance in the manuscript.11. Mention authors name with reference number in the line "This finding agrees with the research work carried out by [29]".12. Discussion part requires many improvements. The discussion is made only for the tabulated results. Re-write discussion by including the overall findings of the work correlating the different factors/parameters that are responsible for the toxicity of the said plant. Also an intensive discussion must be made on the death of the rats in support with available literature.13. A concentration range that can be accepted without any toxic effects for medicinal or daily uses based on your study must be recommended in the conclusion part.	<p>Although, <i>Citrus aurantium</i> is a medicinal plant, there is still need to investigate the toxicity as per the effect on some essential biochemical parameters. That is the rationale behind the study;</p> <p>I have effected the corrections in the abstract.</p> <p>I have revised the first line of the introduction.</p> <p>I have effected all the corrections highlighted.</p> <p>Already done</p> <p>Already done</p>
Minor REVISION comments	---	
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?	(If yes, Kindly please write down the ethical issues here in details)	No