

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_82981
Title of the Manuscript:	ANTIBACTERIAL AND ANTIOXIDANT ACTIVITY OF GARCINIA MANGOSTANA MEDIATED SELENIUM INDUCED NANOPARTICLES - An invitro study
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>comment</p> <ol style="list-style-type: none"> 1. I would encourage the authors to thoroughly edit their manuscript. There are numerous points in the manuscript that might make it unclear. In this study, the extract obtained from the pericarp of <i>Garcinia mangostana</i> was used to facilitate the synthesis of selenium nanoparticles, and the antibacterial and antioxidant properties of the selenium nanoparticles were investigated. The author indicated in several places, including the abstract that a study was carried out to investigate the antioxidant and antibacterial properties of mangosteen pericarp, but this is incorrect. 2. Please rewrite the title and revised the abstract to reflect the work that has been done. 3. <i>Staphylococcus aureus</i>, <i>Streptococcus mutans</i>, and <i>Enterococcus faecalis</i> and <i>Candida albicans</i> were used in the antimicrobial test. The source of these microorganisms, or the method of identification, should be indicated. 4. It is necessary to describe the conditions used in antimicrobial tests. 5. Amoxyrite is a brand name for amoxicillin. Please include the generic name. 6. Why was amoxicillin chosen as a positive control for <i>Candida albicans</i>? Why not take antifungal drug? 7. When demonstrating antibacterial activity (Table 1 and Fig 7), the concentration of selenium nanoparticles and the inhibition zone with standard deviation should be presented. 8. Please recheck the percent inhibition equation in antioxidant experiments. 9. When demonstrating antioxidant activity (Fig 5), the concentration of selenium nanoparticles and the percent of inhibition with standard deviation should be presented. Figure 5 depicts the volume (10, 20, 30, 40, and 50 microlitres) but not the concentration. 10. How many replicates were done in the antibacterial and antioxidant experiments? 11. Please double-check the unit (microliter or millilitre or liter). 12. Use the same writing style (capital letter or lower case such as mL or ml). 	
Minor REVISION comments		
Optional/General comments		

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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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