



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	<b>Ms_JPRI_41534</b>
Title of the Manuscript:	<b>Antibacterial activity of some nano particles on antibiotic resistant bacterial pathogens from air of operation theatre</b>
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>)



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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)
<b>Compulsory</b> REVISION comments	<p>This article contains some useful work on nano particles however the following deficits are seen in methodology:</p> <ol style="list-style-type: none"> <li>1. Authors have determined antibiotic sensitivity by merely measuring the zone of inhibition for antibiotics Presence of zone of inhibition is not automatically interpreted as susceptibility to the antibiotic; the zone width has to be measured and compared against a reference standard which contains measurement ranges and their equivalent qualitative categories of susceptible, intermediately susceptible or resistant. A method such as Kirby-Bauer antibiotic testing (also called KB testing or disk diffusion antibiotic sensitivity ) has to be used.</li> <li>2. In the antibacterial measurement of nano particles.. what was the zone of inhibition to methanol was this 0 cm.. this finding needs to be repeated for reproducibility . Methanol should have some zone of inhibition. Has the methanol been tested with standard bacteria as opposed to the clinical strains you have used in the study. It would be nice if you could show that standard ATCC cultures do have a zone of inhibition but the clinical strains isolated in this study are resistant to methanol but susceptible to nano particles.</li> </ol> <p>Grammar</p> <p>Major revision is needed with improvement in English and re writing the sections on methodology discussion. More references need to be quoted for examples following are examples of anti bacterial activity of nano particles:</p> <p>Biosynthesized silver nanoparticles: are they effective antimicrobials?</p> <p>Mudara K Peiris, 1 Chinthika P Gunasekara, 1 Pradeep M Jayaweera, 2 Nuwan DH Arachchi, 2 and Neluka Fernando 1 ,+</p> <p>Unnecessary detail like how a culture media was made is included, essential references on methodology should be included.</p>	<p>Authors very much appreciate the comments of the reviewers. We tried to improve the quality of the manuscript based on the thoughtful comments of the reviewers. We have thankfully acknowledged the contribution of the reviewers in the acknowledgement section of this manuscript.</p>
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

Are there ethical issues in this manuscript?	<p><u>(If yes, Kindly please write down the ethical issues here in details)</u></p> <p>none</p>
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