



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_47974
Title of the Manuscript:	Prevalence and Antibiotic resistance Profile of <i>pseudomonas aureginosa</i> from hospital sinks in Nigeria
Type of the Article	<u>Short Research Article</u>

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	<p>The paper "Prevalence and Antibiotic resistance Profile of pseudomonas aureginosa from hospital sinks in Nigeria" is a timely research but very preliminary report. The paper needs more work to publish and to give original data of drug assay with antibiotic paper disc. The reason of drug resistance has not addressed like MDR conjugative plasmids. The sensitivity to gentamycin and ciprofloxacin where as high resistance to cefalosporind must be addressed as molecular mechanism. As for example mexAB/CD/EF drug efflux proteins have been reported highly expressed in Pseudomonas giving resistance to ampicillin, cefotaxime and meropenem. Hospital sink must be washed every day with detergent and disinfectants and still bacterial population are there- why?? Picture of Hospital sink and Hospital itself must be given so that Authority get concern!!! Introduction has written poorly and references must use Harvard rule or else. Sample number are less !!!!</p> <p>Give structure of two MDR plasmids diagram showing mdr genes and Tra genes and transposons</p> <p>As for example;Accession nos. KC543497 or NG_041456 or CP016215</p> <p>Plasmid names: (pJB12 ; pCR1; pY89; pBM413; pLKC102; pUM505)</p> <p>Typos correction necessary as follows:</p> <p>"Prevalence and Antibiotic resistance Profile of pseudomonas aureginosa from hospital sinks in Nigeria"</p> <p>pseudomonas will be Pseudomonas and similar changes in line 15, 18, 26, 60, 114, 176</p> <p>line 52, P. spp will changed to Pseudomonas spp</p> <p>line 82, 360C will be 36OC</p> <p>Fig 1. legend: resitance will be resistance</p> <p>Correct line 79! What is Lab M Lab and Munbai ????</p> <p>Finally revise the paper with more references regarding molecular basis of multi-resistance.</p>	<p>We thank the reviewer for insightful critique of our paper. We have noted all the concerns of the reviewer and made appropriate corrections.</p> <ol style="list-style-type: none"> 1. We have included the molecular mechanism of multi-drug resistance in P.aeruginosa in the manuscript as advised by the reviewer. 2. We unfortunately could not lay our hands on any of the pictures of the sinks sampled during the study, as such it cannot be included in the paper. 3. We have improved on the introduction by including information on molecular mechanisms of drug resistance in P. aeruginosa. 4. We have included the plasmid diagram as requested. 5. We have effected all the spelling corrections highlighted throughout the manuscript.



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Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	