



**SDI Review Form 1.6**

Journal Name:	<a href="#">South Asian Journal of Research in Microbiology</a>
Manuscript Number:	Ms_SAJRM_53408
Title of the Manuscript:	PREVALENCE AND ANTIBIOGRAM OF PSEUDOMONAS SPECIES ISOLATED FROM WEST AFRICAN MUD CREEPER (TYMPANOTONUS FUSCATUS)
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)
<p><b>Compulsory</b> REVISION comments</p>	<p>The paper, "<b>PREVALENCE AND ANTIBIOGRAM OF PSEUDOMONAS SPECIES ISOLATED FROM WEST AFRICAN MUD CREEPER (TYMPANOTONUS FUSCATUS)</b>" describes the presence of MDR bacteria in food and thus significant. The paper could be accepted after major modification.</p> <p>Problem is the authentic data of Pseudomonas screening and identification were omitted giving a week paper submission. The knowledge of only blaAmpC and drug efflux genes also a premature statement citing the drugs void and AMR catastrophic where 20 bla genes, 10 each aph, aac, add genes and sul1/2/3, dhfr, mcr-1, and dozon of drug efflux genes, dozon of rRNA methylating genes and 20 transposases and recombinases are involved and could be located in large mdr conjugative plasmids as also in the mdr chromosomal islands as in Pseudomonas (mexAB, mel, tet).</p> <p>Critical Views:</p> <ol style="list-style-type: none"> <li>1.The Amoxicillin+ Cavulinate is highy active in Pseudomonas but ampicillin is resistant indicate that beta-lactamase inhibitor cavulinic acid has great activity. This data must be retested. Streptomycin and trimethoprim appear also very active which is contrary to view that Sul1/2/3 and strAB + aph6'-1b enzymes are very much abundant in plasmids. So you may search the plasmid profiles of those Pseudomonas and wheather mexAB/CD/EF could be activated. Modern drug like amicacin, linezolid and imipenem may be highly active them implying no problem of Pseudomonas therapy-But that is not the case for Pseudomonas and Klebsiella containing abundant large plasmids.</li> <li>2.You wrote in the Introduction The production of an inducible AmpC cephalosporinase, the constitutive or inducible expression of efflux pumps, and the reduced permeability of its outer membrane are believed to be largely responsible for the basal lower susceptibility of <i>Pseudomonas aeruginosa</i> to antibiotics when compared with that of other Gram-negative pathogens [7].</li> <li>3. I hope you must gave more references citing mexAB/CD and aac, aph, aad, sul1/2, dhfr, mcr-1, blaTEM, blaCTXM, blaNDM1 types of mdr genes.</li> <li>4.In the discussion, you must compare the human existence (patients) and Creeper contamination mdr profiles from review.</li> <li>5.You wrote: <b>2.3 Identification of Bacteria</b> This was done as described by [18]. The following tests were performed on each of the isolates to confirm their identity: Gram staining, Sugar fermentation tests, oxidase test, catalase test, indole test, methyl red test, vogues proskaeur test, citrate utilization test, haemolysis test, motility test, lecithinase test and starch hydrolysis test. Molecular identification using the 16s rRNA subunit of the DNA was also carried out to verify the identity of the isolates molecularly [19].</li> <li>6. Please give data: A set data for bacteria biochemical tests and 16S rRNA sequencing chromatogram where the sequence has dissimilar to E. coli 16S rRNA. (50-100nt)</li> <li>7. You wrote: Perboiled and Roasted Does it mean the Pseudomonas bacteria is thermophillic! If so; Please give the growth profile of 10 bacteria at different temperature.</li> </ol>	



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	8. your graphs may be omitted as data is not so critical to give a plot.	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

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

**Reviewer Details:**

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