

Review Form 3

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_126814
Title of the Manuscript:	Widespread occurrence of antibiotic resistance genes in bacterial isolates from River Ala in Akure, Nigeria
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	<p>The research manuscript titled "Widespread occurrence of antibiotic resistance genes in bacterial isolates from River Ala in Akure, Nigeria" showcases the prevalence of genes resistant to antibiotic therapies from bacteria isolated from a particular river in southwest Nigeria.</p> <p>The prevalence of antibiotic genes is an important indication of either conserved bacteria evolution or misuse of antibiotic therapies in the region.</p> <p>This manuscript is important to the scientific community because it showcases the horizontal transfer of antibiotic resistance genes by bacterial pathogens and the importance of presenting data for antibiotic resistant pathogens within states and countries in Sub-Saharan Africa to manage public health risks and inform clinical interventions.</p>	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is suitable for the paper.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The Abstract is comprehensive	
Are subsections and structure of the manuscript appropriate?	The manuscript structure is appropriate	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<p>The authors conducted morphological analysis, biochemical characterization of the bacterial isolates and enumerated the faecal coliforms using standard microbiological methods as described by the authors.</p> <p>Antibiotic susceptibility testing, and determination of antibiotic-resistant genes were conducted using disk diffusion method and polymerase chain reaction respectively.</p>	

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	The results section shows the used of standardized methods and sound statistical analysis.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The references are adequate. I would advise the inclusion of this reference as future direction of research as these plants are known to grow in riverine area and could contribute to natural antibiotic therapies. Nwokafor, Chibuzo V., Chukwuma G. Udensi, Henry N. Ogbonna, Chinedu E. Udekwo, Ugonna D. Nwankpa, Emmanuel K. Amanze, Wisdom N. Chibuzor, and Kenekchukwu C. Okeke. 2020. "Antimicrobial Activities of Moringa, Neem and Ginger Plant Extracts Against Bacteria Associated With the Spoilage of Fruit Juice". South Asian Journal of Research in Microbiology 7 (4):21-30. https://doi.org/10.9734/sajrm/2020/v7i430179 .	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, the language is suitable for scholarly communications.	
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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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