

Review Form 3

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| Journal Name: | International Journal of Pathogen Research |
| Manuscript Number: | Ms_IJPR_124935 |
| Title of the Manuscript: | Physicochemical Analysis, Antibioqram and Molecular Characterization of associated Bacteria of Borehole Water in some Hostels of Rivers State University Main Campus, Port Harcourt, Nigeria |
| Type of the Article | ORIGINAL RESEARCH 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 (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|--|---|
| 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. | In this manuscript, borehole water was analysed for bacterial isolation. This could be helpful for water purification and prevention of different waterborne disease can be taken into account. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Yes suitable | |
| 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. | Yes | |
| Are subsections and structure of the manuscript appropriate? | Yes | |
| 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. | In this study, bacterial isolates were found to be susceptible to the convectional antibiotics examined, according to the antibiotic susceptibility testing. Since the bacterial species discovered in this study may produce outbreaks, antibacterial medications may be effective in controlling them. Certain notable bacterial isolates, such as Staphylococcus haemolyticus strain SH1 (accesssion number: MK886483.1), Escherichia coli strain Rizhao 4981 (accesssion number: MN314234.1), and Klebsiella pneumoniae strain CP27 (accesssion number: PP346491.1), were characterized to species and strain level through molecular analysis. Therefore, in order to preserve exceptionally high-quality water and to stop microbiological growth in hostel water sources, regular treatment is necessary. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | References from latest years must be added from recent years. | |
| Minor REVISION comments | Minor revisions required Language must be improved | |
| Is the language/English quality of the article suitable for scholarly communications? | | |
| Optional/General comments | Paper is in good form and can be accepted after minor revisions | |

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) |
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| 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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|----------------------------------|---|
| Name: | Madeeha Arshad |
| Department, University & Country | University of Education, Lahore, Pakistan |