

Review Form 3

Journal Name:	International Journal of Pathogen Research
Manuscript Number:	Ms_IJPR_130742
Title of the Manuscript:	Molecular Profiling of Antibiotic-Resistant Pseudomonas aeruginosa Isolated from Patients with Urinary Tract Infections in Rivers State University Teaching Hospital
Type of the Article	Original Research Article

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This manuscript provides critical insights into the prevalence and molecular mechanisms of antibiotic resistance in <i>Pseudomonas aeruginosa</i> isolated from UTI patients in a hospital setting. The findings underscore the alarming rates of resistance to commonly used antibiotics, emphasizing the urgent need for targeted antimicrobial stewardship programs. By identifying specific resistance genes and their prevalence, this study contributes valuable information for the development of molecular diagnostics and treatment strategies. The absence of carbapenem resistance genes offers a glimmer of hope, highlighting imipenem as a viable treatment option while stressing the importance of proactive resistance monitoring to prevent the emergence of more resistant strains.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title " <i>Molecular Profiling of Antibiotic-Resistant Pseudomonas aeruginosa Isolated from Patients with Urinary Tract Infections in Rivers State University Teaching Hospital</i> " is suitable as it clearly conveys the key aspects of the study.	
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 generally comprehensive, covering the background, aim, methods, results, and conclusion.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears to be scientifically sound, with well-defined objectives, a clear methodology, and results that align with the study's aim.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and relevant but could benefit from incorporating more recent studies and global perspectives. Adding references from 2020–2024 on <i>Pseudomonas aeruginosa</i> and antimicrobial resistance would provide a more updated foundation for the study.	The references used were the most recent sorted for in addressing the subject matters in this research, however, the reference dates were able to meet up more than average for a decade (10 years interval).
Is the language/English quality of the article suitable for scholarly communications?	The article's language and English quality appear generally suitable for scholarly communication.	
Optional/General comments		

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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>	