

Review Form 3

Journal Name:	Journal of Applied Life Sciences International
Manuscript Number:	Ms_JALSI_125206
Title of the Manuscript:	MULTIDRUG RESISTANT PROFILE OF UROPATHOGENIC Escherichia coli (UPEC) ISOLATED FROM DIABETIC PATIENTS IN SOME HOSPITALS OF BAUCHI METROPOLIS, NIGERIA
Type of the Article	

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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)
<p>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>	<p>The manuscript has been thoroughly reviewed, the author have effectively addressed the research question, and the manuscript demonstrates:</p> <ol style="list-style-type: none"> 1. Clear and concise writing 2. Logical structure and organization 3. Strong methodology and data analysis 4. Well-integrated results and discussion 5. Comprehensive literature review. <p>It meets the standards of publication.</p> <p>This manuscript highlights critical issues surrounding Urinary Tract Infections (UTIs) caused by uropathogenic Escherichia coli (UPEC), particularly among diabetic patients. The importance of this study to society can be summarized as follows:</p> <ol style="list-style-type: none"> 1. Diabetic vulnerability: Diabetic patients are more susceptible to UTIs due to their compromised immune systems and hyperglycemia, making this research crucial for understanding their specific risk factors. 2. Antimicrobial resistance: The study's findings on multidrug resistance among UPEC isolates from both diabetic and non-diabetic patients raise concerns about the effectiveness of current antibiotic treatments. 3. Public health implications: The high prevalence of UPEC infections, especially in middle-aged females and type 2 diabetic patients, underscores the need for targeted public health interventions. 4. Antibiotic stewardship: The study emphasizes the urgent need for responsible antibiotic use and the development of alternative treatments to combat antimicrobial resistance. 5. Improved patient care: Understanding UPEC's antibiotic resistance patterns can inform healthcare providers' treatment decisions, potentially reducing the risk of ineffective or harmful treatments. 6. Research and development: The findings encourage further research into novel therapeutic strategies and more effective infection control measures. 7. Healthcare policy: This study supports the development of policies promoting judicious antibiotic use, enhanced infection control practices, and increased awareness about UTI prevention and management. <p>By addressing these critical issues, this manuscript contributes significantly to the advancement of public health, patient care, and antimicrobial stewardship.</p>	

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<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>It is suitable but it could be “ <u>COMPARATIVE STUDIES OF MULTI DRUG RESISTANCE PROFILE OF UROPATHOGENIC Escherichia coli (UPEC) ISOLATED FROM DIABETIC PATIENTS IN SOME HOSPITALS OF BAUCHI METROPOLIS, NIGERIA</u></p>	
<p>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.</p>	<p><u>Clear and cosize abstract effectively summerizes the research.</u></p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p><u>The manuscript presents a well-structured and clearly written. Also it is organized very well into subsections.</u></p>	
<p>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>	<p><u>The research has clear research objective, appropriate study design, adequate sampling, standardize lab procedures and stastitcal analysis.</u></p> <p><u>Suggestions : - 1) Discussion regarding implication for clinical practice, public health and future research can be included</u></p> <p><u>2) Also potential solutions to address the high rate of multidrug resistance can be suggested as future directions .</u></p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p><u>The literature review presented in the manuscript is up to date and thoroughly covers relevant research in the field.</u></p>	
<p><u>Minor REVISION</u> comments</p> <p>Is the language/English quality of the article suitable for scholarly communications? Yes</p>	<p><u>Minor corrections to be done</u></p> <p>1) <u>In point 3.2 in the third line While illiterate have high rate of infection in NDM patients than NDM patients. Author may have missed literate word before NDM.</u></p> <p>2) <u>In the point 3.4 – In this study, antibiotics of known concentration were used to screen UPEC isolates that are resistant to antibiotics. Ampicillin and piperacillin-tazobactam have the highest rate of resistance in DM yd NDM patients, while the resistance was observed in imipenem, ceftriaxone and ceftazidime. While the other antibiotics have moderate rate of resistance to the isolates.</u></p> <p><u>while -----resistance was observed “less” / moderate word should be incorporated to make the sentence meaningful.</u></p>	
<p><u>Optional/Ge neral</u> comments</p>	<p>The manuscript shows promise but require revision to address mentioned minor corrections.</p>	

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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>	

Reviewer Details:

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