

### Review Form 3

Journal Name:	<a href="#">Microbiology Research Journal International</a>
Manuscript Number:	Ms_MRJI_129982
Title of the Manuscript:	PREVALENCE OF MULTIDRUG RESISTANCE AMONG STAPHYLOCOCCUS SPECIES ISOLATED FROM CLINICAL SAMPLES
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)
<b>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.</b>	<ul style="list-style-type: none"> <li>- The studied microorganism (<i>Staphylococcus</i>) is on the updated WHO 2024 Priority Bacterial Pathogens list and the collected data can be used to know the prevalence of resistance in the study area of Nigeria and compare with other parts of the world.</li> <li>- The study of <i>Staphylococcus</i> remains a global threat, especially in health settings, due to antimicrobial resistance and its study is important for establishing strategies to combat resistance.</li> <li>- The work can visualize the type of <i>Staphylococcus</i> species that can be isolated in the hospitals studied in Ogbomosho, Nigeria.</li> </ul>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	-The title of the job is appropriate.	
<b>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.</b>	-Include all analyses used in the determination of enzyme production capacities of bacterial isolates.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	<ul style="list-style-type: none"> <li>- It was not specified which culture media were used for the transport and microbial identification of clinical samples.</li> <li>- I believe apparently the phenotypic analysis was incomplete and therefore could not be identified at species level, lacking some tests such as: ornithine decarboxylase, alkaline phosphatase, urease, acetoin, sensitivity to polymyxin B or novobiocine, Fermentation of more carbohydrates (maltose, sucrose, mannitol, mannose, trehalose, etc.).</li> <li>- It should be corroborated that the results obtained in the antimicrobial sensitivity profile do not change with the updated CLSI tables (M100 ED34:2024; Table 2C: Area diameter and IMC cutoff points for <i>Staphylococcus</i> spp <a href="https://em100.edaptivedocs.net/PubSearch.aspx?text=Staphylococcus">https://em100.edaptivedocs.net/PubSearch.aspx?text=Staphylococcus</a> ), because it was compared with a reference of the year 2018 and it came to modify the inhibition diameters. Check that the erythromycin disc concentration is good, because in the table above it is indicated a concentration of 15 micrograms.</li> <li>-I also think that we failed to include in the antibiotic sensitivity profile such as: oxacillin (or cefoxitin); ceftaroline (cefeams); quinupristin-dalfopristin (streptogramins); daptomycin(lipopeptides); teicoplanin, telavancin (lipoglycopeptides); linezolid (oxazolidinones), etc., which are important to assess to corroborate their antimicrobial resistance and link with appropriate treatment.</li> </ul>	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	-I suggest using more up-to-date references in the discussion of results (less than 5 years).	

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<b>Is the language/English quality of the article suitable for scholarly communications?</b>	- It's adequate.	
<b>Optional/General</b> comments	-The research is interesting and more to have data of the resistance profile that are important to know how the antimicrobial resistance situation is, but I doubt if with the updated table of the CLSI (2024), they give the same results.	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<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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