

**Review Form 3**

Journal Name:	<b>Journal of Advances in Microbiology</b>
Manuscript Number:	<b>Ms_JAMB_120381</b>
Title of the Manuscript:	<b>ASSESSMENT OF MICROBIAL COLONIZATION OF HANDS OF NURSERY SCHOOL PUPILS IN ORLU, IMO STATE, NIGERIA</b>
Type of the Article	

[Review Form 3](#)

**PART 1: Review Comments**

<b>Compulsory</b> 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>
<p><b>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</b></p>	<p>This manuscript is highly important for the scientific community as it provides valuable insights into the microbial colonization of nursery school pupils' hands, highlighting the significant public health risk posed by poor hand hygiene. The detailed analysis of bacterial and fungal species present and their antibiotic resistance patterns underscores the urgent need for effective hygiene practices and interventions in school environments. Additionally, the study's findings contribute to a better understanding of the epidemiology of infectious diseases among young children, potentially guiding future public health policies and educational programs aimed at reducing the spread of infections. Overall, I appreciate the manuscript for its thorough methodology and its focus on a critical but often overlooked area of public health.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>Yes, the title of the article is clear and descriptive.</p>	
<p><b>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>	<p>The abstract is comprehensive, but it can be made more concise and focused. For a comprehensive abstract, the following content points should be included. Here are a few suggestions for improvement:</p> <ol style="list-style-type: none"> <li>1. <b>Introduction/Background</b> (Brief context and significance of the study)</li> <li>2. <b>Objective</b> (Clear statement of the study's aim)</li> <li>3. <b>Methods</b> (Overview of the study design, sample size, and sampling method. Description of data collection and laboratory analysis procedures.)</li> <li>4. <b>Results</b> (Key findings, including the prevalence rate of microbial colonization. Types of microorganisms identified and any notable patterns or statistical results.)</li> <li>5. <b>Conclusion</b> (Implications of the findings for public health. Recommendations for promoting good hand hygiene practices.)</li> </ol>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The subsections and structure of the manuscript are generally appropriate, but there are a few areas that could be improved for clarity and flow. Here are some suggestions:</p> <ul style="list-style-type: none"> <li>• <b>Materials and methods:</b> By separating "Ethical Considerations" from "Study Population and Sample Collection," and keeping all methodological steps in a clear, logical order, the structure becomes easier to follow.</li> </ul>	
<p><b>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</b></p>	<p>The manuscript is scientifically robust and technically sound for several reasons:</p> <p><b>Clear Methodology:</b> The study outlines a detailed and systematic approach for sample collection, handling, and analysis, ensuring reproducibility and reliability of results.</p> <p><b>Ethical Considerations:</b> Ethical approval and consent were obtained, which is crucial for studies involving human subjects, adding credibility and ethical integrity to the research.</p> <p><b>Comprehensive Analysis:</b> The study employs various microbiological and statistical techniques to identify and analyze the microbial flora, providing a thorough understanding of the microbial colonization of the hands of the nursery school pupils.</p> <p><b>Relevant Findings:</b> The identification of both bacterial and fungal pathogens and their antibiotic susceptibility patterns adds significant value to public health knowledge, particularly in the context of infection control in school environments.</p>	

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	These aspects collectively ensure the scientific correctness and robustness of the manuscript.	
<b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> =	The references provided in the manuscript are mostly sufficient and relevant	
<u>Minor</u> REVISION comments <b>Is language/English quality of the article suitable for scholarly communications?</b>	The language and English quality of the article seem generally suitable for scholarly communication.	
<u>Optional/General</u> comments		

### **PART 2:**

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