

## Review Form 1.6

Journal Name:	<a href="#">Annual Research &amp; Review in Biology</a>
Manuscript Number:	Ms_ARRB_89989
Title of the Manuscript:	Evaluation of the microbiological quality of the ambient air in basic health units in Brazil
Type of the Article	Original Research Article

### **General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalarrb.com/index.php/ARRB/editorial-policy> )

### **PART 1: Review Comments**

	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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"> <li>1. Why only that particular city / place was selected? Please explain the sampling method in detail.</li> <li>2. There is no clarity on why only these 5 basic health units were selected, if any criteria followed for that selection?</li> <li>3. Please include the steps/methodology carried in detail for transporting back and forth of petri dishes.</li> <li>4. There are no steps written on how the petri dishes were saved from getting contaminated from other sources apart from the reason it was used for.</li> <li>5. Materials and methods should contain the location names that were selected within the hospital for collection of samples.</li> <li>6. The tabular columns are showing some discrepancies like the samples have been collected for "Doctor's Office" to estimate mold and yeast counts but when it comes to enterobacteria estimation, the author has marked 'unable to perform sampling' for the same BHU (BHU no. 5) and why is that?</li> <li>7. It arises a query if samples were collected at the same time or at different time periods? Please explain it in the methodology section in detail.</li> <li>8. Conclusion is not talking strongly about the importance of finding the contamination source and which pathogen were found to be higher after the analysis.</li> <li>9. The study title is not conveying the research design which was adopted for this study.</li> </ol>	
<b>Minor</b> REVISION comments	<ol style="list-style-type: none"> <li>1. Introduction must contain a brief note on "Disease Transmission Chain" explaining how it affects the patients when air quality is compromised at the health centres.</li> </ol>	
<b>Optional/General</b> comments	<ol style="list-style-type: none"> <li>1. Study title should be rephrased for better clarity. <b>Example:</b> "Determination of In-door Air Quality by estimating Microbiological Load from the Ambient air among Basic Health Units in the city of Januaria, Brazil – A Cross Sectional Study".</li> </ol>	

### **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?	(If yes, Kindly please write down the ethical issues here in details)	

### **Reviewer Details:**

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