

## Review Form 1.6

Journal Name:	<b>Microbiology Research Journal International</b>
Manuscript Number:	<b>Ms_MRJI_91687</b>
Title of the Manuscript:	<b>Bacteriological profile and resistance of Escherichia Coli to beta-lactam for patients consulted at Douala Laquintinie Hospital</b>
Type of the Article	<b>Original Research Article</b>

### **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.journalmrji.com/index.php/MRJI/editorial-policy>

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### 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	<p><b>The major concern</b></p> <ul style="list-style-type: none"> <li>• The manuscript requires English editing to correct the grammar and flow of sentences.</li> <li>• The material and method part is very deficient.</li> </ul> <p>No standard methods are described, No interpretation breakpoints. No information about the chemicals used, its purity and conc.</p> <ul style="list-style-type: none"> <li>• The objective of the study is very poor</li> <li>• The title is broad and what is the bacteriological profile means and what do you do for the description of this profile??</li> <li>• The title should be changed to be more precise</li> <li>• Suggested title: <b>Antibiotic resistance profile of <i>Escherichia coli</i> to beta-lactam antibiotics for patients consulted at Douala Laquintinie Hospital</b></li> <li>• Study design is deficient: date, no. and criteria of patients included, no. of samples, the lab where the study done must be clarified</li> <li>• Sample Collection and Bacterial Isolation <b>No of samples, type of samples, processing of each type of samples must be discussed in detail</b></li> <li>• Identification of isolated germs was carried out according to morphological, cultural, and biochemical characteristics using API20E®, API VITEK® cards, and the coagulase test.</li> </ul> <p>Detailed methodology, morphology, type of culture used for isolation, biochemical reaction and methods of preservation of the isolates are required.</p> <ul style="list-style-type: none"> <li>• Resistance was confirmed by measuring the MIC</li> </ul> <p>The standard method and interpretation breakpoints and references must be included.</p> <ul style="list-style-type: none"> <li>• The behavior of germs towards the different antibiotics tested in different samples.</li> </ul> <p>The word behavior is not accepted in all the manuscript</p> <ul style="list-style-type: none"> <li>• The results are redundant and confusing</li> <li>• The table legends and content must be revised</li> <li>• The discussion is poor and must be deepened</li> <li>• The reference old and should be revised</li> </ul>	
<b>Minor</b> REVISION comments	<i>Escherichia Coli</i> must be corrected to <i>Escherichia coli</i> in all the manuscript	
<b>Optional/General</b> comments	The manuscript requires English editing to correct the grammar and flow of sentences is urgent.	

### 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)
<b>Are there ethical issues in this manuscript?</b>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> <p><b>Ethics approval and consent to participate</b> The National Ethics Committee for Human Health Research (n° 2020/18/082/CE/CNERSH/SP) approved the experimental protocols and methods used in this study. The study was performed for the Revised Helsinki Declaration (1989). All methods were carried out by relevant guidelines and regulations. Informed consent was obtained from all individual participants included in the study. The objectives of the study were explained to each participant and their parents/guardians, and written informed consent was obtained prior to their inclusion in the study.</p>	

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**Reviewer Details:**

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