



SDI Review Form 1.6

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_39955
Title of the Manuscript:	Antimicrobial resistance patterns and genes of β -lactamase involved in extended spectrum β -lactamase producing enterobacteria isolated from human, animal and environment.
Type of the Article	Original 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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)
Compulsory REVISION comments	<p>Title: Change the word "patterns" to "profile"; To change "beta-lactamase genes" by extended-spectrum beta-lactamase genes. "I suggest changing the title to:" Profile of antimicrobial resistance and extended-spectrum B-lactamase genes involved in enterobacteria isolated from human, animals and the environment".</p> <p>Abstract: In the objective to realize the same changes of the title, avoiding the repetition of words.</p> <p>Introduction: Line 33- Replace "clinically important bacteria" with "bacteria involved in clinical infections". Change the goal at the end of the introduction as the title changes.</p> <p>Results: Table 4- Include the percentage referring to the frequency of isolation of the genes and their associations, which is mentioned in the discussions, but is not explicit in the results.</p> <p>Conclusion: Line 244- Treat "specific resistance genes" for "unusual resistance genes".</p> <p>Ethical issues: There are no ethical problems, but it is important that the work has been approved by the university ethics committee or research center where it was carried out. If this approval exists, note the approval number of the opinion on the material and methods.</p>	Noted
Minor REVISION comments	<p>Introduction: Before the second paragraph, make a new paragraph describing about ESBL: what it is, what antibiotics the enzyme is capable of hydrolysis and mechanism of hydrolysis.</p> <p>Material and methods: Describe in more detail the double disc synergism test (disk approximation) used. If possible, provide a photo of a study card.</p> <p>Results: Line 107- Change "consist" to "consisted", remembering that the study has already happened, so verbs must always be in the past.</p>	
Optional/General comments	Material and methods: Highlight the type of study.	