

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_128935
Title of the Manuscript:	Staphylococcus Aureus- Antimicrobial Resistance Analysis in Dairy Farms
Type of the Article	Research

PART 1: 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>
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.	<p>The manuscript presents an important and relevant study addressing antimicrobial resistance (AMR) in <i>Staphylococcus aureus</i> at the animal-human-environment interface in dairy farms. This is a significant area of research considering the rising concerns over zoonotic transmission and the dissemination of AMR. However, while the study design and objectives are well-conceived, the manuscript lacks sufficient detail in presenting and analyzing the results.</p> <p>The inclusion of tables alone is insufficient. Please add graphical representations of the data and photographs/images of PCR and disc diffusion results. Zone diameters for each antibiotic should be reported with mean values and standard deviations. A statistical section should be incorporated to describe the tests used for data analysis.</p>	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes	
Is the manuscript scientifically, correct? Please write here.	Yes, the manuscript is scientifically correct in terms of the study design, methodology, and interpretation of results. However, the lack of statistical analysis and graphical representation of data limits the clarity and rigor of the findings. Addressing these issues will ensure the scientific robustness of the manuscript.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	

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Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	<p>Recommendation: Major Revision Required. The manuscript requires significant revision, particularly in data visualization and statistical analysis. If these issues are addressed, the manuscript has the potential to make a valuable contribution to the field. The inclusion of supplementary materials (e.g., raw data tables, additional PCR images) would enhance transparency and allow for further peer evaluation. Consider engaging a statistician to ensure that the analysis is robust and appropriately executed.</p> <p>Additional Comments:</p> <p>The only figure is not referred in the text. It should be referred.</p> <p><i>S. aureus</i> in conclusion part should be in italic.</p> <p>The long version of <i>Staphylococcus aureus</i> is written in the introduction part, then there should be a parenthesis writing the abbreviation (<i>S. aureus</i>). And then it should be written in abbreviated form in the rest of the manuscript.</p>	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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