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| Journal Name: | [**Journal of Scientific Research and Reports**](https://journaljsrr.com/index.php/JSRR) |
| Manuscript Number: | **Ms\_JSRR\_139299** |
| Title of the Manuscript: | **Molecular identification and antimicrobial resistance profiling of Acinetobacter spp. isolated from retail meat samples in Chennai** |
| Type of the Article | Original Research Article |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **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.** | **This manuscript highlights the growing public health threat of antimicrobial-resistant *Acinetobacter* spp. in the food chain, particularly through meat products. It sheds light on foodborne transmission pathways of multidrug-resistant organisms, especially *A. baumannii*. The findings provide valuable insights for improving food safety and guiding antimicrobial resistance control strategies.** | **Thank you for your comment** |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the current title is generally appropriate and informative** | **Thank you for your comment** |
| **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.** | **The current abstract of your manuscript is informative and well-structured, effectively covering the essential elements such as the study’s background, objectives, methods, results, and implications.**  **However, it could be more concise. Therefore, I suggest revising some sentences as follows.**   * Eight isolates (2.67%) were recovered and confirmed through biochemical tests and PCR targeting the genus-specific 16S rRNA gene. * Antimicrobial susceptibility testing revealed 100% sensitivity to gatifloxacin and minocycline, with varying levels of susceptibility to other antibiotics; no active efflux pump activity was detected by the ethidium bromide cartwheel method. | **Agreed and the changes have been incorporated in the revised**  **Manuscript and highlighted in yellow** |
| **Is the manuscript scientifically, correct? Please write here.** | Strong point: The manuscript is scientific, the data are clearly presented, AST are well summarized and logically interpreted.  Weak Point: The study employed a simple molecular method to detect the target gene; however, it lacked basic statistical analysis, which is essential to enhance scientific rigor and reliability | **Thank you for your comment.**  **We acknowledge that statistical analysis can provide additional depth in data interpretation. However, the primary objective of our study was to perform molecular identification and provide an overview of the antimicrobial resistance patterns of *Acinetobacter* spp. isolated from retail meat samples. The data presented are descriptive in nature and aimed at reporting the presence or absence of target genes and resistance profiles, rather than testing specific hypotheses or comparing groups. As such, the study was not designed for inferential statistical analysis. We believe the descriptive approach adopted still provides valuable preliminary insights into the occurrence and resistance trends of *Acinetobacter* spp. in the study area, which can serve as a basis for future, more extensive investigations incorporating statistical modelling.** |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Convenient | **Thank you for your comment** |
| **Is the language/English quality of the article suitable for scholarly communications?** | Minor grammatical errors are present.  The text is scientifically sound but would benefit from language refinement to improve its flow and academic tone. Repetitive statements should be minimized and replaced with more concise and formal expressions | **We sincerely thank the reviewer for the constructive feedback.** |
| **Optional/General** comments |  |  |

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| **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)* | **Ethical statement is not applicable for this research** |