

REVIEWER'S REPORT

Manuscript No.: JNAVES-021

Title: Antimicrobial Resistance in Livestock Production Systems: Challenges and Sustainable Control Strategies.

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity	✓			
Significance	✓			

Reviewer Id: JPR-149

Reviewer's Comment for Publication.

The manuscript addresses the highly important and timely issue of antimicrobial resistance (AMR) in livestock production systems. The topic is of considerable significance due to its implications for animal health, public health, food security, and environmental sustainability. The manuscript is well organized, clearly written, and presents a comprehensive overview of antimicrobial use, resistance mechanisms, drivers of AMR development, public health implications, and sustainable control strategies. The inclusion of the One Health perspective strengthens the relevance and applicability of the review.

Several minor revisions are recommended to further improve the manuscript. The authors should incorporate more recent literature and surveillance data to enhance the currency of the review. Some sections, particularly those discussing alternative therapies and future perspectives, would benefit from additional critical analysis and discussion of recent technological advancements. The reference list should be carefully reviewed to ensure complete bibliographic details and consistency with journal formatting requirements. Minor language editing and proofreading are also suggested to improve flow and eliminate repetitive statements.

Overall, the manuscript provides valuable information on a globally relevant issue and, following minor revisions, is suitable for publication.