

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_128736
Title of the Manuscript:	Detection of Plasmid-mediated Colistin Resistance Genes among Escherichia coli and Klebsiella pneumoniae Isolated from Poultry, Food and Human Clinical Samples: A One Health Approach for Antimicrobial Resistance in Brazil
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. 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.	The detection of plasmid-mediated colistin resistance genes, such as mcr-1 and related variants, among <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> is a critical area of research in understanding antimicrobial resistance (AMR). Colistin, often considered a last-resort antibiotic for multidrug-resistant Gram-negative infections, is increasingly compromised by the emergence of these resistance mechanisms. This issue is particularly relevant in Brazil, where poultry, food production, and human health intersect, providing a framework for a One Health approach.	
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	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Is the language/English quality of the article suitable for scholarly communications?	yes	
Optional/General comments	No	

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>	

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