

### Review Form 3

Journal Name:	<a href="#">International Journal of TROPICAL DISEASE &amp; Health</a>
Manuscript Number:	Ms_IJTDH_128180
Title of the Manuscript:	VIRULENCE PHENOTYPE OF AVIAN PATHOGENIC ESCHERICHIA COLI (APEC) AND PREVALENCE OF COLIBACILLOSIS AMONG PAULTRY BIRDS IN BAUCHI METROPOLIS, NIGERIA
Type of the Article	

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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**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.	The manuscript highlights the potential role of Avian Pathogenic <i>Escherichia Coli</i> (APEC) in causing variable mortality in different age groups, sex, breeds of chickens and also the prevalence of APEC in various samples taken either from the chickens or the environment and also from different locations. So,the research may be helpful in devising the control measures for such an economically and zoonotically important poultry pathogen which causes heavy losses to the commercial farms.	
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.	The abstract of the article comprehensive, however, reframing of few sentences is needed. Additionally, the conclusion needs to be comprehensive and much clear.	
Is the manuscript scientifically correct? Please write here.	Yes, manuscript is scientifically correct.	
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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<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Quality of english needs to be improved with respect to the grammer and clarity of some sentences.</p>	
<p><b>Optional/General</b> comments</p>	<p>In abstract reframe the sentences as mentioned and make the conclusion more precise and clear.</p> <p>In introduction part add the full form of EXPEC group. Additionally, include the paprgraph were age, breed and sex of the chickens have role in occurance of APEC e.g. if there are any studies regarding the same. Also add if the earlier studies have shown prevailance of APEC in the area under study. Role of hemolysin and mannose resistant fimbrial haemagglutination is included in manuscript but nothing about the same is discussed in the introduction part as to what is its role in the virulance of bacteria. Add few lines about the same in the introduction so that readers get the idea of the research.</p> <p>In materials and methods reframe the sentences to make the text more clear. Follow the same pattern throughout e.g. use chicken instead of birds throughout the text, use numerical value of number of samples as the text shows 99 at some places and ninety nine at others.</p> <p>Add table number to each table in the text part as it is not clear which table to conculat References in the text are numbered as 1, 2 at some places where at some places the author name and year is included. Follow the same pattern as per journal guidelines.</p> <p>In result section follow the uniformity e.g. in text the paper mentions the faecal sample positivity first but in the table air samples are kept at serial no 1. For the ease of readers keep the samples in table according to the text.</p> <p>In characteristic lesions mentioned please add few pictures to make it clear</p> <p>Table number 1 seems to have confusing data please check and add total samples at the end of each column for all the mentioned tables.</p> <p>In discussion part please relate the previous studies with the results of your study so that it will be easy for readers to understand the research and how it is different or similar to the results obtained in the previous studies by other researchers.e.g. as you have mentioned isolation of e coli from water and soil but previous researchers and your study is from air. how are these results relatable????</p> <p>Conclusion needs to be more appropriate and to the point. Please make it more elaborate and clear and include the same in the abstract.</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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

<p>Name:</p>	<p><b>Syedah Asma Andrabi</b></p>
<p>Department, University &amp; Country</p>	<p><b>Guru Angad Dev Veterinary and Animal Science University, India</b></p>