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| Book Name: | [Contemporary Research and Perspectives in Biological Science](https://www.bookpi.org/bookstore/product/contemporary-research-and-perspectives-in-biological-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_2612** |
| Title of the Manuscript:  | **Evaluation of Cross Protective Efficacy of Commercial Vaccines against Mannheimia haemolytica in Mice** |
| Type of the Article | **Book chapter** |

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| PART 1: Review Comments |
| Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | **Evaluating the cross-protective efficacy of vaccines is essential for enhancing vaccination strategies, thereby advancing animal health and mitigating economic losses within the livestock sector. Such evaluations are crucial for assessing whether current vaccines confer immunity across various strains or serotypes of a pathogen. This research has the potential to guide the creation of vaccines with broader protective coverage and to enhance the overall effectiveness of vaccination programs.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The title is suitable. However it can become more attractive like,**1. **Comparative Analysis of Commercial Vaccines for *Mannheimia haemolytica*: Efficacy in a Mouse Model**
2. **Assessing the Breadth of Commercial Vaccines Protection against *Mannheimia haemolytica* in a Mouse Model**
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| 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. | **Abstract covers all the necessary data in a well comprehensive way** |  |
| **Are subsections and structure of the manuscript appropriate?** | Blood was collected, after anaesthetization and aspirated blood by insulin syringe from the heart of mice of each animal of the groups, before and post immunization for three weeks , and serum was separated, allowed to clot overnight at 4◦C then centrifuged at 3000 rpm for 10 min**In materials and methods, review this senstence. It seems structurally incorrect.**  |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | **Sentence structuring needs much improvement. The manuscript is not as much profund as it should be, specially in the result section. Proper writting is needed.**  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **References are too old specially reference no. 3, 4, 6, 7, 10, 18 and 19.****Add latest references.**  |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Language is not good specially in result and discussion part.  |  |
| Optional/General comments | Language needs improvements. |  |

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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)*** |  |

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| **Reviewer Details:** |
| **Name:** | **Arfa Shahzad** |
| **Department, University & Country** | **University of Veterinary and Animal Sciences, Pakistan** |