

Review Form 3

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_122661
Title of the Manuscript:	The Gastroenteritis virus of dogs: Canine Parvovirus and its diagnosis over the years.
Type of the Article	Review 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:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

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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)																								
<p>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.</p>	<p>Canine parvovirus (CPV) is a highly contagious pathogen responsible for severe gastroenteritis in domestic dogs, with a pronounced impact on puppies and unvaccinated populations. Timely and accurate diagnosis is essential for effective therapeutic intervention and containment of the virus, which poses a substantial mortality risk if untreated. The virus's resilience and widespread prevalence, particularly in regions with low vaccination coverage, underscore its global significance. Diagnostic assays are pivotal in guiding vaccination strategies and facilitating research on viral evolution. Ultimately, accurate CPV diagnosis is fundamental to safeguarding canine health and mitigating the risk of widespread outbreaks.</p>																									
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Canine Parvovirus: A Perspective on Diagnostic Evolution</p>																									
<p>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.</p>	<p>1. English language improvement is inevitable. 2. The flow of thoughts needs to be synchronized. The improvised version of the abstract can be as below: “Dogs, as companion animals, play an important role in human existence, not just as pets, but also in a variety of functional capacities. Domestic dogs, on the other hand, are extremely vulnerable to a variety of contagious viral infections that pose serious health risks all over the world. Among these, Canine Parvovirus (CPV) is the primary cause of gastroenteritis, resulting in considerable morbidity and mortality. This study focuses on the viral causes of canine gastroenteritis, with a special emphasis on the occurrence, impact, and diagnosis of Canine Parvovirus. The goal is to present a complete picture of the challenges faced by this virus and the progress made in battling its impact on the world's canine population.”</p>																									
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>																									
<p>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.</p>	<p>1. The author(s) have focussed on Canine parvovirus. The information regarding the virus, its variations, clinical signs, and diagnostic methods have been compiled however, the theory part become exhaustive and difficult to follow. 2. The information related to variations, clinical signs, and diagnostic tests should be tabulated so that it becomes visually appealing and easy to read and understand. 3. The diagnostic tests should be listed or presented starting from the latest</p> <table border="1" data-bbox="845 1203 2226 1430"> <thead> <tr> <th data-bbox="845 1203 914 1430">S.no.</th> <th data-bbox="920 1203 1012 1430">Authors</th> <th data-bbox="1018 1203 1110 1430">Name of strain</th> <th data-bbox="1115 1203 1237 1430">Variant (Change in amino acid)</th> <th data-bbox="1243 1203 1335 1430">Name of the gene where variation is present</th> <th data-bbox="1341 1203 1433 1430">Nature of sample</th> <th data-bbox="1439 1203 1561 1430">Instrument used for detection</th> <th data-bbox="1567 1203 1659 1430">R.E' used</th> <th data-bbox="1665 1203 1816 1430">If yes, the name of the enzyme(s)</th> <th data-bbox="1822 1203 1944 1430">Origin Country/County of variant</th> <th data-bbox="1949 1203 2071 1430">Whether universal primers available</th> <th data-bbox="2077 1203 2226 1430">If yes, write the sequence of uni. primer</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	S.no.	Authors	Name of strain	Variant (Change in amino acid)	Name of the gene where variation is present	Nature of sample	Instrument used for detection	R.E' used	If yes, the name of the enzyme(s)	Origin Country/County of variant	Whether universal primers available	If yes, write the sequence of uni. primer													
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<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>References are sufficient</p>																									

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The English language needs revision. The coherence of the language requires refinement, and clarity must be enhanced for improved comprehension.	
Optional/General comments	<ol style="list-style-type: none">1. Make the title more appropriate to the content.2. Improve the abstract3. Improve the overall flow of English language4. Tabulate a) variants recorded to date with respective variations b) Clinical signs associated with variants c) diagnostic tests wit/without availability of universal primers5. Discussion based on the data of previous years as how the virus has evolved over the years has the infectivity increased o decreased based on the available data.6. Compare the variations and categorize them as weak and strong based on their impact during these years	

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>	

Reviewer Details:

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