

Review Form 3

Journal Name:	Asian Journal of Pediatric Research
Manuscript Number:	Ms_AJPR_124166
Title of the Manuscript:	The Role of Dengue Fever in triggering Kawasaki Disease
Type of the Article	Minireview Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION 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>
<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>The topic is a good revisit of the risk factors of Kawasaki disease especially the increasing cases of both Multisystem Inflammatory Syndrome in Children (MIS-C) and the former during the pandemic. The article needs improvement though such as formatting, grammar, and overall flow to make it more reader friendly.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title is not specific and did not address the population of concern. It is also quite similar to the 1st reference cited. Might I suggest the following titles: 1. Dengue Fever: A Risk Factor for Kawasaki Disease in Children 2. The Link Between Dengue Fever and Kawasaki Disease in Children 3. Kawasaki Disease: A Complication of Post-Infectious Dengue Fever *If the article focuses on a specific region/population (e.g., Asian, European, Pacific Islander etc.) this can be indicated also in the title</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>The way the abstract is formulated is quite similar to that of an introduction. Kindly revise it and include these following key points in the abstract but still limiting the word count to 350 words or less as to: 1.) Background: go straight to the gist of the whole paper, for this in particular how dengue fever places a risk or triggers Kawasaki disease (KD). Will a prior infection to dengue fever have a more pronounced/worse manifestation of KD compared to other infections thus the reason for this article? Is there an increased incidence of coronary artery dilatations in these KD patients with prior dengue infections? You may include incidence rates of patients who had prior dengue infection which eventually had Kawasaki disease. 2.) Research design and process (if applicable): It wasn't stated in the abstract 3.) Results & Conclusion: these were not emphasized in the abstract 4.) Keywords: 2-3 keywords should be placed for easier location of the article (e.g., Dengue, Kawasaki disease, Risk Factor)</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Both the introduction and subsections on the mosquito vectors do not reflect what the title intends to convey to the reader. The introduction focused solely on the vectors which is not the concern of the title. I would suggest to change it as follows: <ul style="list-style-type: none"> • Introduction: • 1st part: should include only 5-7 sentences on dengue fever incidence rate, list of vectors and strains, it's pathophysiology and symptomatology. You may add co infections and complications of dengue (e.g., encephalopathy, myocarditis). • 2nd Part: KD vs Dengue Fever: A comparison of the signs and symptoms, may include incidences of misdiagnosis, overlapping or co-infection, MIS-C, COVID-19. May include in this section dengue fever as a risk factor for KD. • Last part: Objective of this article • Discussion: • Brief overview of KD, etiology and pathophysiology, case reports/cohorts on KD patients with prior dengue fever • Subsection 1: <u>Dengue fever as a risk factor:</u> Will prior dengue fever infection increase the risk of KD in the future? Is there a particular genetic mutation propagated by the dengue virus predisposing the child to KD? Does the dengue virus worsen the presentation of KD? Does dengue vaccination provide prevention both from the infection and KD or will the vaccinated child still be susceptible to KD but with milder manifestations? • Subsection 2: Genetic Predisposition </p>	

Review Form 3

	<ul style="list-style-type: none"> • Conclusion: conclude only using 2-3 sentences summarizing the gist of the article 	
<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>The paper's sequence of topics needs to be tailored in a properly sequenced manner for it to tell a story. It seems majority discussion was jumping from 1 topic to the other. Some topics discussed (particularly in the introduction part) was no longer a concern in the study and did not align with the given title. The vagueness of the title itself and its incongruence with the content, will cause confusion to the future readers.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>		
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Needs improvement on the proper use of syntax and punctuations. Too much flowery words beating around the bush. I do suggest a more concise narrative with an organized train of thought.</p>	
<p><u>Optional/General</u> comments</p>		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
<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:

Name:	Ray C. Mendoza
Department, University & Country	Cebu Doctors University College of Medicine, Philippines