

# Review of: "[Short Communication] Immunology of a Morbillivirus: Measles 1954 to 2023"

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Potential competing interests: No potential competing interests to declare.

The manuscript provides a comprehensive overview of Measles, caused by Measles Morbillivirus, and thoroughly examines its immunological characteristics. Despite this, the authors are encouraged to enhance the manuscript by considering the following comments.

Manuscript	Comments
Abstract	Abstract should contain information on the Background Methodology, Results, and conclusion. So, authors should improvise it accordingly, as the abstract contains information only regarding to Background
Introduction	<ol style="list-style-type: none"> <li>1. 'The first cloning of a full-length infectious measles virion occurred around 1995 in Zurich, at the Pasteur Institute, routinely utilized commercially in preparations as an attenuated vaccine under approval by a variety of organizations'- Add reference</li> <li>2. How this review is novel and significant or dissimilar from the existing reports. So authors should mention the gap of knowledge and significance of this study, in the Introduction section</li> </ol>
History of Measles	<p>'Previously, 24 known genotypes had been sequenced. Indeed, in 2018, the MeV genotypes in global circulation decreased to 4 in 2018'-</p> <ol style="list-style-type: none"> <li>1. What is the meaning of history of measles? Is it about the disease or the virus. Rectify it.</li> <li>2. Add reference</li> </ol>
Development of Measles Research	<ol style="list-style-type: none"> <li>1. Give an appropriate heading</li> <li>2. The paragraph is not clear. Rewrite it.</li> </ol>
Measles Receptor-Mediated Infection	<p>'It is considered through research that MeV infects white blood cells (WBCs) called lymphocytes expressing a second receptor (CD150) known as a signalling lymphocyte activation molecule family member 1 (SLAMF1) utilising nectin-4 as a host cell receptor, with these specifically expressed on certain subtypes of cells including DCs'-</p> <ol style="list-style-type: none"> <li>1. Sentence meaning is not clear</li> <li>2. The author may provide a figure explaining the receptor-mediated infection</li> </ol>
Adaptive Innate Immune Responses during Natural Measles Infection	Write it again for more clarification
Discussion	<ol style="list-style-type: none"> <li>1. In this section author should discuss the findings of the manuscript</li> <li>2. Research and laboratory research opinions vary on whether MeV infects monocytes; however, historically, this was observed in 1975 research- Reframe this sentence</li> </ol>
Others	<ol style="list-style-type: none"> <li>1. The language and sentence framing of the article are very poor and difficult to understand. Improve it.</li> <li>2. A review should not be a mere compilation of events or scientific facts. Rather it should provide deep assessment on strength and weaknesses of available reports.</li> </ol>

