

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.

Review: Short Communication Measles: 1963-2023, Immunology of a Morbillivirus"

The review exposes valuable and useful information on the measles virus. The article summarizes the most relevant findings in the immunology of the measles virus. However, I have several observations and suggestions:

English language review is required, mainly in the first part of the review from the abstract to the Structure of Measles Virus section.

Abstract section

The abstract does not indicate the exact content of the manuscript. I suggest improving it to integrate all the information from the Innate immune responses during measles infection section.

Other observations are the follow:

Family *Paraxmyxoviridae*, change to Family *Paramyxoviridae*

Species *MeaslesMorbillivirus* change to Species *Measles Morbillivirus*

around 15-16kb in size, change to around 15-16 kb in size,

encoding for eight... change to encoding eight ...

It is not clear why the crystallization of the H protein is mentioned. I suggest including some statement for example is the main target of protective neutralizing antibodies.

Smallpox (VARV) and the Rinderpest virus (RPV), a member of the same Morbillivirus .. change to Smallpox (VARV) and the Rinderpest virus (RPV), members of the same Morbillivirus genus as MeV, remain the only other animal pathogens eradi...

I suggest changing the claim of the lack of antigenic variation of the measles virus to the high genomic stability of MeV.

Introduction section

In addition, MeV further has potential applications change to In addition, MeV has potential applications ...

Structure of Measles Virus section

particle size is 15,894kb change to particle size is 15,894 kb

The rest of the review is clear in the presentation of the information but requires correction of the English language to avoid confusion in the data that the author presents in the manuscript.

In my opinion, if the author applies all the suggestions and observations of all the reviewers and with the correction of the English language, I would support its publication.