

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

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Potential competing interests: No potential competing interests to declare.

Certainly, your article provides a comprehensive overview of the history, virology, and immunization efforts related to the measles virus (MeV). It's clear that measles has been a significant public health concern, and efforts such as the development of the MMR vaccine have played a crucial role in reducing its impact. Overall, a well-written article but will need to update some sections.

1. It might be worth discussing the challenges and successes in implementing immunization programs globally, considering factors such as vaccine hesitancy, access to healthcare, and international cooperation.
2. Drawing parallels with the successful eradication of smallpox. Discuss any ongoing or proposed eradication campaigns and their outcomes. Highlight any challenges faced in these efforts.
3. Provide updated Epidemiological statistics on measles incidence and mortality rates since 2017. Analyze the reasons behind the recent rise in measles cases despite the availability of vaccines. Explore regional variations in measles outbreaks and discuss the impact of global travel on the spread of the virus. Elaborate on the immune response triggered by the measles vaccine, including the role of B cells and T cells. Discuss the durability of immunity and any potential waning immunity concerns. Address the concept of herd immunity and its importance in preventing measles outbreaks, emphasizing the need for high vaccine coverage.
4. Explore the significance of MeV's lack of antigenic variation in the context of eradication efforts. Compare this characteristic with other viruses that have been successfully eradicated.
5. Discuss any potential challenges or unknown factors that could affect the feasibility of eradicating measles.

As this appears to be a letter of communication for a journal, ensure to include the most recent and relevant literature to support your discussion. Consider recent studies, epidemiological reports, and advancements in measles research to strengthen your arguments and provide a comprehensive and up-to-date perspective.