

Review of: "The Changing Trajectory of Covid-19 and How Immunity is Evolving with It"

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Potential competing interests: No potential competing interests to declare.

Dear Authors,

Your manuscript is exciting and describes what is happening worldwide.

Abstract: The abstract provides a clear overview of the topic and the main points discussed in the article. However, including specific objectives or research questions that the paper aims to address would be helpful to me.

Introduction: The introduction effectively sets the context for the study and highlights the importance of understanding the trajectory of COVID-19 and the evolution of host immunity. It provides a good background and establishes the need for further research.

The Emergence of SARS-CoV-2 Variants: This section provides a comprehensive overview of the emergence of different SARS-CoV-2 variants, including their characteristics and potential immune evasion capabilities. Including more recent information on emerging variants would be beneficial to ensure the manuscript is current.

How Host Immunity is Evolving with SARS-CoV-2: This section explores the evolving nature of host immunity in response to SARS-CoV-2 infection. It highlights the importance of innate and adaptive immune responses and discusses the persistence of memory B and T cells. I think you should consider including specific studies or evidence to support the claims made in this section. The discussion provides a sound synthesis of the main findings and implications of the study. However, expanding on the practical implications and potential future directions for research and public health strategies would be helpful.

Overall Structure and Organization: The manuscript would benefit from clearer subheadings within sections to improve readability and organisation. Additionally, some paragraphs are long and could be broken down into smaller, more focused paragraphs to improve clarity.

Citations and References: Ensure that appropriate references properly support all claims and statements. Some statements need more specific sources, making it easier to verify the information.

Kind Regards

