

Review of: "[Review Article] Review of Streptococcus pyogenes"

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Potential competing interests: No potential competing interests to declare.

Review of Streptococcus pyogenes

The manuscript by Hayder & Abusaiba (Review of *Streptococcus pyogenes*) covers an interesting topic, especially with the recent increase in cases of *Streptococcus pyogenes* infections and associated death in young kids in several countries.

However, unfortunately, the manuscript neither address the objectives appropriately (to know the causes of Streptococcus pyogenes) nor does provide a comprehensive scientific review on the pathogen, virulence factors, infections, postinfectious immune sequela such as acute rheumatic fever and post-streptococcal glomerulonephritis, or intervention and does not add any new information to the existing excellent literatures on *S. pyogenes*, see example below:

In addition, there are a lot of unnecessary repetition in the manuscript and several quoted references are not relevant (e.g. ref 2 is for gene therapy for thalassemia, ref 4 is for hepatitis C, ref 5 for citrobacter). Conclusion is very poor and not structured, no mention of vaccines in clinical trials and proper use of antibiotics.

In summary, the manuscript is not suitable for publication.

Recent review on Streptococcus pyogenes

Pathogenesis, epidemiology and control of Group A Streptococcus infection. Stephan Brouwer, Tania Rivera-Hernandez, Bodie F. Curren, Nichaella Harbison-Price, David M. P. De Oliveira, Magnus G. Jespersen, Mark R. Davies & Mark J. Walker. Nature Reviews Microbiology, 2023, volume 21, pages431–447 (2023). <https://www.nature.com/articles/s41579-023-00865-7>