

# Review of: "[Review] Cyclic GMP-AMP synthase- Stimulator of Interferon Genes Signaling and their Agonistic / Antagonistic Values"

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Potential competing interests: No potential competing interests to declare.

Although the author has covered a lot of areas on the topic, with a fair amount of information, the review seems to be lacking a proper structure with a narrative flow of information. Moreover, punctuation and grammatical errors found in several places has made grasping the literature more of a challenge than it should be, which resulted in re-reading the sentences and/or referring to external references for understanding. It would thus be recommended to proofread and rephrase some statements along with the use of linker words in some places.

There has been some confusion between cGAS and cGAMP observed in some places, especially when the work done by Ablasser A et al. 2013 was described in the review. In that same paragraph it was also stated "TLR3,7,8,9 and 13 also recognize the pathogenic nucleic acids". However, it was not described anywhere about how and when is a nucleic acid considered "pathogenic". A different word choice would be good.

Although herpes simplex virus was correctly stated, care should be taken about not referring to herpes as a virus. The focus of the review was meant to be with emphasis on the viral induction of innate immune response as stated in the introduction. However, bacterial induction was also included and therefore it would be ideal to re-visit the aims of the review article. It would also be ideal if figure 1 had some more explanation with respect to the signalling pathways.