

# Review of: "The Efficacy of Copper Nanoparticles in Treating Viral Skin Infections: A Systematic Review and Meta-Analysis"

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Potential competing interests: No potential competing interests to declare.

The article titled "The Efficacy of Copper Nanoparticles in Treating Viral Skin Infections: A Systematic Review and Meta-Analysis" by Hassan et. al. cannot be considered for publication in its current state. The article has various major issues, considering it's a review.

A scientific review should include all the latest findings of the field, which are lacking in the current version of the article. Albeit, it is written more like an informal essay. As such, the authors really need to work on constructing scientifically sound statements and make an effort to conduct a better search of the literature so that the reliability of the current article can be improved. They should try and present their analysis *via* graphical and figurative representations, making their case in favor of or against copper nanoparticles more compelling.

Additionally, it should be noted that the construction of a review article is a huge determinant for outreach. I would suggest that the authors include in the introduction a brief summary of nanoparticle-based therapy. Also, the importance of copper nanoparticles over others like silver or gold needs to be included, along with highlighting how copper nanoparticles face tough competition from new age quantum dots-based applications. The authors can conclude by sharing their perspective and overall learning about copper nanoparticles and newer advanced plausible applications - alone or in combinatorial studies.