

# 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.

Manuscript Qeios ID: QRA862 entitled "The Efficacy of Copper Nanoparticles in Treating Viral Skin Infections: A Systematic Review and Meta-Analysis" reported a review and meta-analysis on Efficacy of Copper Nanoparticles in Treating Viral Skin Infections. The subject is narrow and interesting and can be useful for readers. However, some comments should be applied in a revision.

1. It is very good to denote total application of NPs in antiviral agents and applications, such as:

Application of nanomaterials in treatment, anti-infection and detection of coronaviruses

1. Is the review only on metal NPs of Copper or can include the metal oxide NPs (copper oxide NPs?) if not, it is required to clarify this point in the introduction and with denoting some properties of copper oxide NPs:

Controllable phyto-synthesised copper nanoparticles for antioxidant and label-free colorimetric iron detection purposes

International Journal of Environmental Analytical Chemistry, 2021, 1-19.

Controllable phyto-synthesis of cupric oxide nanoparticles

Microchemical Journal, 2019, 150, 104158

1. No enough discussion is presented on the role and size (and or shape) on the antiviral properties on Cu NPs.
2. Is there any information on the role of capping agent on the antiviral properties of Cu NPs?
3. It is highly recommended to summarize all of the applied copper NPs in Viral Skin Infections, with denoting the kind of infection, size of NPs, method of reduction of NPs, etc. in a Table.