

# Review of: "Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity"

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Potential competing interests: No potential competing interests to declare.

This paper is well-written; I suggest a minor revision before acceptance.

1. In the introduction, highlight why using *Amaranthus viridis* and ionic liquids is beneficial compared to traditional methods.
2. Why was each characterization method (UV/Vis, FTIR, XRD, etc.) chosen, and what specific information does it provide about the nanoparticles?
3. In the conclusion, please summarize the implications of your research and the application of synthesized nanoparticles, and suggest areas for future research.
4. The author needs to add some references for this statement in the Introduction:

"Research on nanoparticles is still underway, and they have uses in medication delivery and therapy, among other things [1-9]"

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