

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.

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Dear Editor,

Thank you for giving me the opportunity to review the manuscript entitled Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity'.

This study is new and interesting work.

This article has been well written and benefits from a comprehensive panel of NP characterization.

Although the number of patients studied is small, due to the use of various methods, the findings reported here could be of significant value to the field.

Anyway, there are some minor concerns:

1. The quality of some images is low and needs to be improved, including Fig. 5.
2. The manuscript needs minor grammar editing.
3. It would be good practice to include a section for future perspectives after the conclusions.
4. Could this approach be helpful in cancer patients as well?
5. The study needs a graphical abstract.