

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.

- Improve the scientific writing style for better clarity and readability.
- Correct formatting by italicizing all scientific names (e.g., *Amaranthus viridis*).
- Expand the literature review to include more recent studies on antimicrobial resistance and nickel nanoparticles.
- Provide more details in the experimental methodology, including reaction conditions and parameters.
- Enhance the discussion on antibacterial activity, comparing results with other nanoparticles or antibiotics and explaining possible mechanisms.
- Highlight the novelty of using an ionic liquid-based extract for nanoparticle synthesis.
- Ensure all figures and tables are properly cited within the text.
- Improve figure and table captions to include more descriptive details.

Incorporating these changes will help improve the overall quality of the manuscript.