# 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.

**Dear Editor**

Manuscript entitled **"Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity".** The authors did amazing work, especially in nanotechnology with Green amaranth. However, before accepting this manuscript, the authors can explain the following comments…..

The authors have nicely written the article. However, I need to address a few of my queries listed below:

1. The authors could explain why NiO NPs are causing much stronger multitarget resistance. How to justify……?
2. The authors could rewrite the abstract section to include the exact impact of nanotechnology, especially the biosynthesis of nanoparticles used as antimicrobial activity.
3. The authors stated that nanoparticles were used in different aspects of the research work; please give a latest reference to enhance the paper for strengthening.
4. The authors kindly give some points on the nature of *Amaranthus viridis,* such as its habit and habitat, medicinal values, and how you authenticated it.
5. Did the authors check for grammatical errors and reference format?
6. Why were the authors selected *A. hydrophilia* as this particular bacterial strain? Is there any specific reason……..?
7. In the results section, are the NiO NPs Powder XRD values exact values……? Is there any previous similar work done here?
8. The authors please clearly rewrite the conclusion part with the exact statement of MIC values and NiO NPs analysis.