

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

Firli Rahmah Primula Dewi<sup>1</sup>

<sup>1</sup> Universitas Airlangga, Indonesia

Potential competing interests: No potential competing interests to declare.

The paper with the title "Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus Viridis* and Their Antibacterial Activity" was interesting. However, there are several points that need to be addressed by the author.

1. The abstract is missing the results and conclusion of the study.
2. During the synthesis of nickel nanoparticles, which part of the *A. viridis* was used?
3. In the UV-Vis results section, there is no explanation about the UV-Vis results; instead, the author explains the antibacterial analysis method.
4. In the FTIR analysis, the author must add the FTIR analysis of the plant extract.
5. In the antibacterial activity results, what are 10, 20, 30%? Is it the percentage of the NPs or the zone of inhibition?  
Please clarify the sentence.
6. The size of the NPs in the results and conclusion sections is different; which one is correct?
7. There are many typos; please correct them.
8. English native checking is required.