

Review of: "Synthesis and Antibacterial Screening of Cefradine Schiff Bases and Their Metal Salts"

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Potential competing interests: No potential competing interests to declare.

Thank you, Qeios, for the invitation to review this manuscript.

There are some notes for the Author about the antibacterial activity section.

1- The experimental methods for antibacterial activities must be checked. "*Melting of the soft agar tube was carried out and then, after cooling it to 47 °C, the bacterial culture (10 µL) was added and the tube was gently shaken.*" According to this sentence, if the bacterial culture was in contact with the agar at 47°C, they could not duplicate under ordinary circumstances. This will directly change the results.

2- For the results and discussion section, standard deviations must be added. Otherwise, the results are almost meaningless.

3- The antimicrobial activity results show similarity for gram-positive and gram-negative bacterias; there must be a discussion about this.