

# 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.

This manuscript reports synthesis of Schiff bases through the condensation of amine unit of Cefradine with benzaldehyde, 3-chlorobenzaldehyde, 4-dimethylaminobenzaldehyde, 4-methoxybenzaldehyde, acetophenone and benzophenone. The synthesized Schiff bases then treated with NaOH, KOH, Ca(OH)<sub>2</sub>, Ba(OH)<sub>2</sub>, and Ag(NO)<sub>3</sub> to obtain the corresponding metal salts of the Schiff bases. The antibacterial activity of all the synthesized compounds were then evaluated against *Staphylococcus aureus* and *Escherichia coli*.

For the characterization of the compounds they used only NMR and IR which is not enough for the new compounds. Therefore, without full characterization of all the new compounds, I suggest no publication of this work at Qeios.