

# Review of: "Saponins and their synergistic antibacterial activity with traditional antibiotics against Staphylococcus aureus and Escherichia coli: Review"

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Potential competing interests: No potential competing interests to declare.

Here are some comments in support of the manuscript:

1. Author emphasizes the problem of antimicrobial drug-resistance in the introduction section but antimicrobial effect saponin alone or combined effect of with antibiotics against different microbes should also be quoted well in review section.
2. Most of the literature saponin extract was used either alone or combined effect rather than purified saponin, My suggestion is to add chemical name of saponin that shows the same effect.
3. Being a cytotoxic nature of saponin, does any report that indicates that saponin synergizes cytotoxic effect to host cell when used in combination with antibiotics.
4. Saponin higher 12microgram shows cytotoxic effect to the host cell while one report mentioned in review ----" Al-Bayti, ethanol extracts seem to have a greater antimicrobial effect than aqueous extracts and their MIC ranged from 0.62 mg/mL to 5 mg/mL" How do you take this in to account?
5. My suggestion is to add the article(PMID:**31170971**, DOI: [10.1186/s12906-019-2532-6](https://doi.org/10.1186/s12906-019-2532-6)) on synergistic,