

# 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.

The manuscript was written carefully and informative, providing a valuable insight on the potential usage of saponin as plant derived compounds for antimicrobial in combination with conventional antibiotics.

The manuscript's title is about saponin, however the content discuss more on the extract or fraction which still consists of wide array of bioactive compounds which may contribute to the overall activity. In this case, we recommend to adjust the title accordingly.

A methodology used to extract the information from the literatures cited should be provided.

The manuscript should provide a thorough discussion regarding the mechanism of action and/ or the plausible synergistic effect of the herbal extracts/saponin rich extracts with the antibiotic against certain pathogen species.

The antimicrobial and antibacterial sections were explained separately of which both should be combined, since antibacterial are also antimicrobial.