

# 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.

1. In main text, "Antimicrobial activity of saponins" and "Antibacterial activity of saponins" are repeated. What is the difference between them?
2. In the second part, synergy has been described and has little to do with the title "Antibacterial activity of saponins".
3. "The antifungal characteristics of steroidal saponins are influenced by two main factors. First, the chemical composition of the particular saponin including its content of aglycone moieties and second the quantity and chemical structure of their monosaccharides", among which aglycone moieties and active monosaccharides should be described.
4. Are there certain substances and saponins that produce good bacteriostasis by synergistic action against most bacteria?
5. What is the obvious difference between steroidal saponins or triterpenoid saponins (mentioned in the article) and the specific mechanism of synergistic action between these two saponins and traditional antibiotics.