Review of: "Expansion of the antifungal activities through in silico docking study of compounds from Albizia lebbeck fruits"

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Potential competing interests: No potential competing interests to declare.

The article "Expansion of the antifungal activities through in silico docking study of compounds from Albizia lebbeck fruits" has many empty pockets. Following are the observed points regarding the manuscript.

- The manuscript reported 14 isolated compounds; nothing about the extraction method and characterization of said compounds.
- Two compounds, lebbeckisoetin A and chiakine, were evaluated for their antimicrobial activities against five microbial strains, the referenced method used in the manuscript. Still, the results are not incorporated with statistical significance.
- Virtual screening of antimicrobial activity is not mechanistically synchronized with sterol 14-alpha demethylase.
- For a complete route map, molecular docking must be accompanied by other in silico techniques like drug-likeness analysis, pre-clinical testing, and ADMET etc.
- According to the title, antifungal activity through in silico and experimental study must be compared in the manuscript.