

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

Lotfi Belkhiri¹

¹ Université Mentouri Constantine

Potential competing interests: No potential competing interests to declare.

This manuscript describes a combined in vitro/in silico study on antifungal activities against five microbial strains. They used the molecular docking technique in the drug discovery domain, gathering insights into the major antimicrobial effects.

However, the current docking technique is revealed to be insufficient to confirm the best binding affinity of potent ligands, and dynamics simulations should be considered to rigorously assess their findings.

In addition, the text contains too many redundancies and unnecessary details to be reduced. I would also strongly encourage the authors to scrub the manuscript for grammatical style, English native spelling, and vocabulary to enhance the overall readability and impact. Tables and Figures are poorly presented, and Table 1 is incomplete.

The conclusions don't connect at all to the main results of the study and lack prospects.

I don't understand the meaning of the 2.7 part at the end of the text.

I believe that this paper might represent a valuable contribution to the literature and be of broad interest to the phytochemistry community, but it does have shortcomings that must be addressed prior to accepting it for publication in the Qeios journal.

Best regards,

The reviewer