

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

Esmeralda Escobar-Muciño<sup>1</sup>

<sup>1</sup> Instituto Potosino de Investigación Científica y Tecnológica

Potential competing interests: No potential competing interests to declare.

The work was informative, and it moderately exploits the use of molecular docking.

Include the references in the preparation of ligands for molecular docking because many other researchers would appreciate the references' existence to duplicate similar works.

In Table 1, it is necessary to mention the standard deviation of the MIC and the Gibbs energy, both resulting from the experimentation and calculation of several replicates.

The authors could mention the MIC values compared to other antifungals in the discussion.

The authors could mention whether the tested ligands bind to the catalytic domain of CYP51 to elucidate the possible molecular mechanism of inhibition of protein activity.

The format of tables, especially Tables 2a and 2b, should be figures (the format presented is not the usual one). Figures 2a and 2b should be accompanied by titles and descriptions of the sections that each figure represents.

Check the English throughout the text (good use of the terms is necessary).