

Review of: "Phyto-Therapeutic Potential and Pharmaceutical Impact of Shilajit (*Asphaltum punjabianam*): Current Research and Future Prospects"

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Potential competing interests: No potential competing interests to declare.

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In this manuscript entitled "**Phyto-Therapeutic Potential and Pharmaceutical Impact of Shilajit (*Asphaltum punjabianam*): Current Research and Future Prospects**", the authors explored the phytoconstituents of *Asphaltum punjabianam* (Shilajit) and studied its biological activities. They highlighted also the possible interactions in polyherbal formulations, the nanoformulation, and future scopes.

Here are some points that should be taken into account before processing further.

Comments to the authors:

1. The structure of the introduction should be rearranged. In fact, the paragraph "Currently, the pharmaceutical industry... for drug manufacturing." should be provided earlier before introducing "shilajit," as it is more general and gives data linked to the first part of the introduction.
2. I think that table 1, which contains a list of synonyms of shilajit, can be deleted. Actually, the vernacular/regional names can vary even for the same language from one specific area to another. The authors can still mention some names, but it's just compulsory to cite the scientific names (genus and species; *Asphaltum punjabium*). That will be more than enough.
3. The layout of figure 2 is very bad. The shapes are in disorder. Please check.
4. The first sentences of the introduction and "Currently, the pharmaceutical industry... for drug manufacturing." can be supported by the following relevant reference about pharmacotherapy <https://doi.org/10.1201/b22842-7>.
5. Regarding "Immunomodulatory" and "Anti-inflammatory" in figure 2, either the font size can be decreased or the shapes' size can be increased.
6. The authors used different ways in writing the species; "punjabianam" in the title of the manuscript, "*punjabinum*" in the section on antioxidant activity, "punjabium" in the conclusion, and "*asphaltumpunjabianum*" and "*Asphaltumpunjabianum*" in the references. Check it !!!!
7. For the section of combinational approaches, the authors can use these recent references, doi:

10.1016/j.jksus.2022.102256 and doi: 10.14715/cmb/2021.67.4.6, about polyherbal formulations.

8. The English language is overall fine, but grammatical checking and manuscript editing are required.

Minor comment

1. Use italic and the dot for the abbreviated form of the species just like "... *S. aureus* but had no impact on *E. coli*" on page 8.