

Review of: "[Review Article] A Comprehensive Overview on Pharmacological and Therapeutic Insights of Solanum nigrum Linn"

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Potential competing interests: No potential competing interests to declare.

The paper is overall written well; however, I have some comments to be addressed before acceptance.

- The abstract provides a clear structure and introduction to the research, making it easy to follow.
- The use of headings for each section is effective in guiding the reader through the research methods and findings.

The introduction provides a solid background on the importance of medicinal plants as a source of bioactive compounds, setting the stage for the research question. Add some more information on the importance of medicinal plants in the introduction section; Cite these references: DOI: [10.1080/10408398.2023.2217264](https://doi.org/10.1080/10408398.2023.2217264); doi.org/10.1016/j.sajb.2021.02.023; doi: [10.1080/14786419.2021.1880404](https://doi.org/10.1080/14786419.2021.1880404); doi.org/10.1016/j.indcrop.2020.112505; DOI: [10.2174/1568026620666200224100219](https://doi.org/10.2174/1568026620666200224100219); doi: [10.1016/j.fct.2019.05.043](https://doi.org/10.1016/j.fct.2019.05.043)

- However, it could be more explicit in highlighting the specific gap in the literature that this research aims to address.
- The presentation of results is clear, with both text and visual representations (figures and tables) to support the findings.
- Suggest including a brief statement of the limitations of the study, which is standard in research abstracts.
- Encourage discussing future research directions, especially if this study leads to potential applications or further questions.