

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.

This paper reviewed the pharmacological outcomes of Solanum nigrum, such as anticancer, immunostimulant, antibacterial, antidiabetic, antiviral, antiinflammatory, antioxidant, antipyretic, antidiarrheal, cardioprotective, anti-hyperlipidemic, anti-ulcerogenic, hepatoprotective, anti-seizure, anti-larvicidal, anti-allergic, anti-asthmatic, and neuropharmacological efficacy.

In my opinion, some problems should be solved.

1. In the abstract and other parts of the text, the abbreviations should be remarked at the first appearance. In the text, the abbreviations should be consistent.
2. In the manuscript, the authors mentioned "*S. nigrum* comprehends several bioactive phytoconstituents such as glycoalkaloids, glycoproteins, polysaccharides, and polyphenol substances with significant pharmacological properties". However, there is no report about the pharmacological properties of these constituents.
3. The given phytochemicals should be classified.
4. On line 3 of Table 4, "Llung and colon cancer" should be "Lung and colon cancer."