

REVIEWER'S REPORT

Manuscript No.: IJAR- 54709

Title: "A Comprehensive Review on Phytochemicals, and Medicinal Applications of *Cassia auriculata* (L.)"

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity	Excellent			
Significance	Excellent			

Reviewer Name: Dr.Sumathi

Detailed Reviewer's Report

1. Phytochemical study involves analyzing the chemical compounds in plants, called phytochemicals, to identify bioactive compounds that may have therapeutic uses.
2. The process includes preliminary screening to detect major classes of compounds like alkaloids, flavonoids and tannins as well as advanced techniques such as chromatography for more precise qualitative and quantitative analysis.
3. Phytochemical studies are important for the development of new drugs, medicines, cosmetics and functional foods.
4. Pharmacology is the scientific study of drugs and their effects on living organisms.
5. It explores how medications interact with the body, their mechanisms of action, and their therapeutic and adverse effects.
6. *Cassia auriculata* is a shrub commonly known as Tanners cassia or avaram that is native to India and SriLanka, significant in ayurvedic medicine for its use in treating diabetes, digestive issues and skin diseases.

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7. The plant is known by several scientific names and has long history of use for its medicinal properties, through specific preparations and uses vary depending on the part of the plant.
8. This medicinal plant having more medical properties. But given only theoretical points.
9. Key words are good.
10. Should be given results and discussion part.
11. Summary points also needed.
12. Relevant pictures can be added.
13. References should be in alphabetical order.
14. After those corrections good to publish in your journal.