

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 80170

Title: Treatment on Nature's lap: Use of herbal products in the management of hyperglycemia

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05376168

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2022-09-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-20 03:28

Reviewer performed review: 2022-09-30 12:32

Review time: 10 Days and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous
	Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No

SPECIFIC COMMENTS TO AUTHORS

The authors summarized studies on using of herbal products in the management of hyperglycemia. This review focuses on the dose, efficacy of commonly used herbal products including Cinnamon (Cinnamomum) , Gurmar (Gymnema), Cumin (Cuminum), Psyllium (Plantago), Sesame (Sesamum), Barberry (Berberis), Aloe (Aloe Vera) ,Vijayasar (Pterocarpus), Fenugreek (Trigonella), Bael (Aegle), Jamun (Syzygium), Ginger (Zingiber), Little gourd (Coccinia), Neem (Azadirachta), Sweet potato (Ipomoea), Amla (Emblica),Bitter melon (Momordica) ,Garlic (Allium sativum) ,Turmeric (Curcumin),Guduchi (Tinospora). Following that, the authors highlighted the aspects of plant with SGLT-2 inhibitory effects and natural products with weak evidence as anti-hyperglycemic remedy. At the end of manuscript, the authors discussed the safety of herbal medicines and cost-effectiveness of herbal medicines. The manuscript is well written and very informative. I only have some minor comments: 1) The paragraph level of the main text should be clearer, and the first and second headline can be used. 2) In some paragraph, authors can critically analyze literature findings.

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Reviewer's code: 06366731

Position: Peer Reviewer

Academic degree: PhD

Professional title: Lecturer

Reviewer's Country/Territory: Thailand

Author's Country/Territory: India

Manuscript submission date: 2022-09-19

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-11-24 14:52

Reviewer performed review: 2022-11-25 03:30

Review time: 12 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous
	Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No

SPECIFIC COMMENTS TO AUTHORS

In this review, Giri et al. have summarized knowledge of using natural products as potential drugs for diabetes and presented cautions regarding this approach. Overall, this work is well written and structured. It could be an informative resource for those who are interested in the research of natural products as anti-diabetic drugs. I have only a few minor comments to improve the manuscript: 1) The caption for Figure Legend 1 should add the word “potential” as claims from some studies are weak, and 2) For table 1, the authors should add another column for references of the information provided in the table.