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PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 88708

Title: Myricetin induces M2 macrophage polarization to alleviate renal tubulointerstitial fibrosis in diabetic nephropathy via PI3K/Akt pathway

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02693207
Position: Editorial Board
Academic degree: PhD
Professional title: Professor, Research Dean
Reviewer's Country/Territory: India
Author's Country/Territory: China

Manuscript submission date: 2023-10-06

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-08 02:36

Reviewer performed review: 2023-11-10 08:15

Review time: 2 Days and 5 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The article is well written with some minor grammatical and typographic mistakes.

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Reviewer's code: 05327699
Position: Editorial Board
Academic degree: MBBS, MNAMS, MS
Professional title: Additional Professor
Reviewer's Country/Territory: India
Author's Country/Territory: China

Manuscript submission date: 2023-10-06
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Reviewer accepted review: 2023-11-11 15:36
Reviewer performed review: 2023-11-11 16:10
Review time: 1 Hour

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[Y] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[Y] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

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Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Dear Authors, 1. Excellent study on the possible protective role of Myricetin in DM induced Nephropathy. 2.The authors must incorporate an Algorithm on possible mechanism of action of Myricetin. 3. Any specific reason for doing testing on db/db mice RAW 264.7? Needs to be elaborated. 4. How the dose of Myricetin was titrated? Needs to be mentioned. 5. After staining at what magnification H/P Images were seen? Does all images were easily captured? Must be mentioned. 6. What was the principle behind uACR - calibration and standardisation? Not mentioned. 7. The authors must mention possible trials in humans in the discussion section. 8. Does Myricetin has any hypoglycaemic - action? 9. Any possible protective role in other pathology caused by DM like - Neuropathy, Cardiopathy, Retinopathy etc must be added in the discussion part. Thanks