

CORRECTION



Correction: Curcumin exerts anti-inflammatory, antioxidant and anti-ferroptotic effects through the Nrf2/HO-1 pathway to protect cardiomyocytes against sepsis

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In the originally published article [1] (DOI: 10.22514/sv.2024.057), post-publication review by the Editorial Office identified that References [1], [5], [10], [16], and [32] were inappropriate or did not fully support the corresponding statements.

In collaboration with the authors, the following corrections have been made in this Correction:

The following references have been replaced with more relevant citations:

[1] replaced by: Chiu C, Legrand M. Epidemiology of sepsis and septic shock. *Current Opinion in Anesthesiology*. 2021; 34: 71–76.

[5] replaced by: Kim SJ, Mesquita FCP, Hochman-Mendez C. New biomarkers for cardiovascular disease. *The Texas Heart Institute Journal*. 2023; 50: e238178.

[10] replaced by: Kar F, Yıldız F, Hacıoglu C, Kar E, Donmez DB, Senturk H, *et al.* LoxBlock-1 or Curcumin attenuates liver, pancreas and cardiac ferroptosis, oxidative stress and injury in Ischemia/reperfusion-damaged rats by facilitating ACSL/GPx4 signaling. *Tissue & Cell*. 2023; 82: 102114.

[16] replaced by: Vieira BM, Caetano MAF, de Carvalho MT, Dos Santos Arruda F, Tomé FD, de Oliveira JF, *et al.*

Impacts of curcumin treatment on experimental sepsis: a systematic review. *Oxidative Medicine and Cellular Longevity*. 2023; 2023: 2252213.

[32] replaced by: Yang Y, Yang P, Zheng Z, Tian Q. Sestrin2 ameliorates LPS-induced cardiomyocyte injury by inhibiting ferroptosis via the Nrf2/HO-1 pathway. *European Journal of Medical Research*. 2025; 31: 3.

The authors confirm that these corrections do not affect the scientific content, results, interpretations, or conclusions of the original study.

The authors sincerely apologize for these inaccuracies and any inconvenience caused. This Correction has been approved by the Editor-in-Chief. The original article PDF remains available as published and has not been altered. Readers are advised to refer to this Correction for the updated references [1], [5], [10], [16], and [32].

REFERENCES

- [1] Shi Y, Yang XB, Jiang H, Wu SX, Hong Y, Su W, *et al.* Curcumin exerts anti-inflammatory, antioxidant and anti-ferroptotic effects through the Nrf2/HO-1 pathway to protect cardiomyocytes against sepsis. *Signa Vitae*. 2024; 20: 46–53.