

**Corrigendum to 2935: Protective effect of rosmarinic acid against 5-fluorouracil-induced cardiotoxicity in mice via modulation of inflammation, oxidative stress, and apoptosis and restoration of NRF2/HO-1. *Ital. J. Food Sci.* 2025; 37(2): 51–64. <https://doi.org/10.15586/ijfs.v37i2.2935>**

**Afaf F. Almuqati**

*Department of Pharmaceutical Chemistry, College of Pharmacy, University of Hafr Al-Batin, Hafr Al-Batin, Saudi Arabia*

**Corresponding Author:** Department of Pharmaceutical Chemistry, College of Pharmacy, University of Hafr Al-Batin, Hafr Al-Batin, Saudi Arabia. Email: [aalmaqati@uhb.edu.sa](mailto:aalmaqati@uhb.edu.sa)

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**CORRIGENDUM**

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The journal makes the following corrections to the published article:

## 1. Description of Error

We have observed that articles published in the journal include references that are unrelated to the subject of the article and/or the context in which they are cited. Examples include but are not limited to the following:

‘Protective effect of rosmarinic acid against 5-fluorouracil-induced cardiotoxicity in mice via modulation of inflammation, oxidative stress, and apoptosis and restoration of NRF2/HO-1’.

The following references were unrelated to the subject of the above-mentioned article and/or the context in which they were cited:

‘The 5-fluorouracil (5-FU) agent is widely applied in cancer chemotherapy (Hashem *et al.*, 2022; Potnuri *et al.*, 2018). However, the therapeutic benefits of 5-FU are overshadowed by its cardiotoxicity, which limits its clinical efficacy (González-Rodríguez *et al.*, 2020; Kenney *et al.*, 2001; Vassilakopoulou *et al.*, 2016)’.

Reference: González-Rodríguez, A., Cobo, J., Soria, V., Usall, J., Garcia-Rizo, C., Bioque, M., et al. 2020. Women undergoing hormonal treatments for infertility: a systematic review on psychopathology and newly diagnosed mood and psychotic disorders. *Front Psychiat.* 11: 479.

Reference: Kenney, L.B., Laufer, M.R., Grant, F.D., Grier, H. and Diller, L., 2001. High risk of infertility and long-term gonadal damage in males treated with high-dose cyclophosphamide for sarcoma during childhood. *Cancer.* 91: 613–621.

‘The 5-FU-associated cardiotoxicity manifests as sudden cardiac death, coronary thrombosis, angina, and arrhythmias (Afsar *et al.*, 2017)’.

Reference: Afsar, T., Razak, S. and Almajwal, A. 2017. Acacia hydasypica ethyl acetate extract protects against cisplatin-induced DNA damage, oxidative stress and testicular injuries in adult male rats. *BMC Cancer.* 17: 1–14.

## **2. Correction**

The above-mentioned references are rejected.

## **4. Impact Statement**

The journal confirms that these corrections do not affect the scientific conclusions of the article.

## **5. Acknowledgment**

The author did not respond to the journal's repeated request to acknowledge these issues; hence, this corrigendum is published without author's input.