Check for updates

OPEN ACCESS

EDITED AND REVIEWED BY Alessandra Stasi, University of Bari Aldo Moro, Italy

*CORRESPONDENCE Al-Shaimaa F. Ahmed Shaimaa_faissal@minia.edu.eg

[†]These authors have contributed equally to this work

SPECIALTY SECTION This article was submitted to Nephrology, a section of the journal Frontiers in Medicine

RECEIVED 21 August 2022 ACCEPTED 30 August 2022 PUBLISHED 22 September 2022

CITATION

Anter A, Ahmed AF, Hammad ASA, Almalki WH, Abdel Hafez SMN, Kasem AW, El-Moselhy MA, Alrabia MW, Ibrahim ARN and El-Daly M (2022) Corrigendum: The severity of acute kidney and lung injuries induced by cecal ligation and puncture is attenuated by menthol: Role of proliferating cell nuclear antigen and apoptotic markers. *Front. Med.* 9:1024554. doi: 10.3389/fmed.2022.1024554

COPYRIGHT

© 2022 Anter, Ahmed, Hammad, Almalki, Abdel Hafez, Kasem, El-Moselhy, Alrabia, Ibrahim and El-Daly. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

Corrigendum: The severity of acute kidney and lung injuries induced by cecal ligation and puncture is attenuated by menthol: Role of proliferating cell nuclear antigen and apoptotic markers

Aliaa Anter^{1†}, Al-Shaimaa F. Ahmed^{1*†}, Asmaa S. A. Hammad¹, Waleed Hassan Almalki², Sara Mohamed Naguib Abdel Hafez³, AlShaimaa W. Kasem⁴, Mohamed A. El-Moselhy^{1,5}, Mohammad W. Alrabia⁶, Ahmed R. N. Ibrahim^{7,8} and Mahmoud El-Daly¹

¹Department of Pharmacology and Toxicology, Faculty of Pharmacy, Minia University, Minya, Egypt, ²Department of Pharmacology and Toxicology, Umm Al-Qura University, Makkah, Saudi Arabia, ³Department of Histology and Cell Biology, Faculty of Medicine, Minia University, Minya, Egypt, ⁴Department of Pathology, Faculty of Medicine, Minia University, Minya, Egypt, ⁵Department of Clinical Pharmacy and Pharmacology, Ibn Sina National College for Medical Studies, Jeddah, Saudi Arabia, ⁶Department of Microbiology and Medical Parasitology, Faculty of Medicine, King Abdulaziz University, Jeddah, Saudi Arabia, ⁷Department of Clinical Pharmacy, College of Pharmacy, King Khalid University, Abha, Saudi Arabia, ⁸Department of Biochemistry, Faculty of Pharmacy, Minia University, Minya, Egypt

KEYWORDS

menthol, cecal ligation and puncture, AKI, ALI, PCNA

A corrigendum on

The severity of acute kidney and lung injuries induced by cecal ligation and puncture is attenuated by menthol: Role of proliferating cell nuclear antigen and apoptotic markers

by Anter, A., Ahmed, A. F., Hammad, A. S. A., Almalki, W. H., Abdel Hafez, S. M. N., Kasem, A. W., El-Moselhy, M. A., Alrabia, M. W., Ibrahim, A. R. N., and El-Daly, M. (2022). *Front. Med.* 9:904286. doi: 10.3389/fmed.2022.904286

In the published article, there was an error in Figure 4 as published. The figure was a duplicate of Figure 5. The corrected Figure 4 and its caption appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated

organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.



Menthol treatment improves pulmonary oxidative stress status and inhibits the sepsis-induced reduction of the antioxidant capacity of lung tissue. Menthol treatment of CLP rats ameliorated CLP-induced oxidative imbalance in lung tissues as shown with the results of (A), malondialdehyde (MDA), (B) nitrate/nitrite, (C) activity of superoxide dismutase (SOD) and (D), reduced glutathione (GSH). Menthol (100 mg/kg, p.o), 2 h after surgery. n = 6 per group. Data were analyzed by one-way ANOVA followed by Tukey's post-test for multiple comparison. Data represent the mean \pm SEM of 6 independent observations. *Significantly different from the CLP group at p < 0.05.