CORRECTION Open Access



## Correction: The antioxidant and antimicrobial activity of ethanolic extract in roots, stems, and leaves of three commercial *Cymbopogon* species

Dwi Kusuma Wahyuni<sup>1\*</sup>, Viol Dhea Kharisma<sup>1</sup>, Ahmad Affan Ali Murtadlo<sup>1</sup>, Cici Tya Rahmawati<sup>1</sup>, Alvi Jauharotus Syukriya<sup>1,2</sup>, Sehanat Prasongsuk<sup>3</sup>, Sreeramanan Subramaniam<sup>1,4</sup>, Anjar Tri Wibowo<sup>1</sup> and Hery Purnobasuki<sup>1\*</sup>

Correction: BMC Complement Med Ther 24, 272 (2024) https://doi.org/10.1186/s12906-024-04573-4

Following publication of the original article [1], the authors identified an error in Fig. 1. The correct figure is given below.

The original article has been corrected.

The online version of the original article can be found at https://doi.org/10.1186/s12906-024-04573-4.

\*Correspondence: Dwi Kusuma Wahyuni dwi-k-w@fst.unair.ac.id Hery Purnobasuki hery-p@fst.unair.ac.id

<sup>1</sup>Department of Biology, Faculty of Science and Technology, Universitas Airlangga Surabaya, East Java 60115, Indonesia

<sup>2</sup>Program in Biotechnology, Faculty of Science, Chulalongkorn University, Bangkok 10330, Thailand

<sup>3</sup>Plant Biomass Utilization Research Unit, Department of Botany, Faculty of Science, Chulalongkorn University, Bangkok 10330, Thailand

<sup>4</sup>School of Biological Science, Universiti Sains Malaysia,

Georgetown 11800, Malaysia



© The Author(s) 2024. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>. The Creative Commons Public Domain Dedication waiver (<a href="http://creativecommons.org/publicdomain/zero/1.0/">http://creativecommons.org/publicdomain/zero/1.0/</a>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

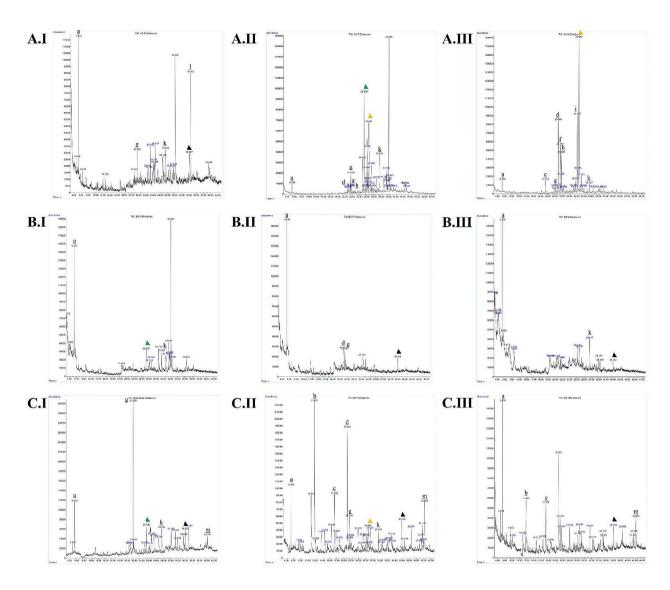


Fig. 1 GC-MS chromatogram of *Cymbopogon spp*. ethanolic extract. A Roots, B stems, C leaves. (I) Cymbopogon citratus, (II) Cymbopogon nardus, III Cymbopogon winterianus. (a) Tetraethyl silicate; (b) Geraniol; (c) Methyleugenol; (d) Benzene, 1,2-dimethoxy-4-(1-propenyl)-; (e) Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-7-methyl-4-methylene-1-(1-methylethyl)-, (1.alpha,4a.beta,8a.alpha.)-; f. gamma.-Muurolene; g. Phenol, 2,5-bis(1,1-dimethylethyl); h. Naphthalene, 1,2,3,5,6,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-, (1 S-cis)-; i. tau.-Muurolol; j. (1 S,4aS,7R,8aS)-1,4a-Dimethyl-7-(prop-1-en-2-yl) decahydronaphthalen-1-ol; k. 1-((1 S,3aR,4R,7 S,7aS)-4-Hydroxy-7-isopropyl-4-methyloctahydro-1 H-inden-1-yl) ethanone; l. Benzenepropanoic acid, 3,5-bis (1,1-dimethylethyl)-4-hydroxy-, methyl ester; m. Phytol. Green arrow: Selin-6-en-4.alpha.-ol; yellow arrow: alpha.-Cadinol; black arrow: Hexadecanoic acid, methyl ester

Published online: 14 August 2024

 $commercial\ Cymbopogon\ species.\ BMC\ Complement\ Med\ Ther.\ 2024; 24:272.\ https://doi.org/10.1186/s12906-024-04573-4.$ 

## References

 Wahyuni DK, Kharisma VD, Murtadlo AAA, et al. The antioxidant and antimicrobial activity of ethanolic extract in roots, stems, and leaves of three

## **Publisher's Note**

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.