



OPEN ACCESS

EDITED AND REVIEWED BY

Zhao-Jun Wei,
North Minzu University, China

*CORRESPONDENCE

Valentina Guzmán-Pérez
✉ vguzman@javeriana.edu.co

RECEIVED 26 September 2025

ACCEPTED 15 October 2025

PUBLISHED 13 November 2025

CITATION

Aguilera-Angel E-Y, Ballesteros-Vivas D, Vera-Bravo R, García N, Robles-Camargo J-E, Costa GM, Espinal-Ruiz M, Caicedo-Trejos JP, Camacho AKC, Arroyo-Maya I-J, Ibáñez E, Cifuentes A and Guzmán-Pérez V (2025) Correction: Chemical profiling, antioxidant, and antibacterial properties of *Tropaeolum majus* L. extract as a functional food ingredient. *Front. Nutr.* 12:1714061. doi: 10.3389/fnut.2025.1714061

COPYRIGHT

© 2025 Aguilera-Angel, Ballesteros-Vivas, Vera-Bravo, García, Robles-Camargo, Costa, Espinal-Ruiz, Caicedo-Trejos, Camacho, Arroyo-Maya, Ibáñez, Cifuentes and Guzmán-Pérez. 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.

Correction: Chemical profiling, antioxidant, and antibacterial properties of *Tropaeolum majus* L. extract as a functional food ingredient

Eliana-Yissel Aguilera-Angel^{1,2}, Diego Ballesteros-Vivas¹, Ricardo Vera-Bravo³, Néstor García⁴, Jorge-Eliecer Robles-Camargo³, Geison Modesti Costa³, Mauricio Espinal-Ruiz⁵, Juan Pablo Caicedo-Trejos⁶, Ana Karina Carrascal Camacho⁶, Izlia-Jazheel Arroyo-Maya⁷, Elena Ibáñez⁸, Alejandro Cifuentes⁸ and Valentina Guzmán-Pérez^{1*}

¹Departamento de Nutrición y Bioquímica, Facultad de Ciencias - Pontificia Universidad Javeriana, Bogotá, Colombia, ²Escuela de Ciencias Básicas Tecnología e Ingeniería, Grupo DAVINCI, Universidad Nacional Abierta y a Distancia, Bogotá, Colombia, ³Departamento de Química, Facultad de Ciencias - Pontificia Universidad Javeriana, Bogotá, Colombia, ⁴Departamento de Biología, Facultad de Ciencias - Pontificia Universidad Javeriana, Bogotá, Colombia, ⁵Center for Research in Energy and Environment (CREE), University of Missouri of Science and Technology, Rolla, MO, United States, ⁶Laboratorio de Microbiología de Alimentos, Grupo de Biotecnología Ambiental e Industrial, Departamento de Microbiología, Facultad de Ciencias - Pontificia Universidad Javeriana, Bogotá, Colombia, ⁷Departamento de Procesos y Tecnología - División de Ciencias Naturales e Ingeniería, Universidad Autónoma Metropolitana - Unidad Cuajimalpa, Ciudad de México, Mexico, ⁸Foodomics Laboratory, Institute of Food Science Research (CIAL) (CSIC-UAM), Madrid, Spain

KEYWORDS

nasturtium, *Tropaeolum majus*, benzyl glucosinolate, antioxidant capacity, antibacterial activity

A Correction on

Chemical profiling, antioxidant, and antibacterial properties of *Tropaeolum majus* L. extract as a functional food ingredient

by Aguilera-Angel, E.-Y., Ballesteros-Vivas, D., Vera-Bravo, R., García, N., Robles-Camargo, J.-E., Costa, G. M., Espinal-Ruiz, M., Caicedo-Trejos, J. P., Camacho, A. K. C., Arroyo-Maya, I.-J., Ibáñez, E., Cifuentes, A., and Guzmán-Pérez, V. (2025). *Front. Nutr.* 12:1626562. doi: 10.3389/fnut.2025.1626562

Author Néstor García was erroneously spelled as Néstor-Julio García-Castro.

The author contributions statement was erroneously given as

“E-YA-A: Conceptualization, Investigation, Methodology, Writing – original draft, Writing – review & editing, Formal analysis, Software, Validation. DB-V: Conceptualization, Formal analysis, Investigation, Methodology, Software, Validation, Writing – original draft, Writing – review & editing, Supervision. RV-B: Formal analysis, Investigation, Methodology, Supervision, Writing – original draft, Writing – review

& editing. N-JG-C: Writing – original draft, Writing – review & editing, Funding acquisition, Resources. J-ER-C: Writing – original draft, Writing – review & editing, Investigation, Methodology, Supervision. GC: Methodology, Writing – original draft, Writing – review & editing, Formal analysis. ME-R: Formal analysis, Methodology, Writing – original draft, Writing – review & editing, Conceptualization. JC-T: Methodology, Writing – original draft, Writing – review & editing. AKCC: Formal analysis, Investigation, Methodology, Writing – original draft, Writing – review & editing, Funding acquisition, Resources. I-JA-M: Formal analysis, Investigation, Methodology, Writing – original draft, Writing – review & editing. EI: Methodology, Writing – original draft, Writing – review & editing. AC: Methodology, Writing – original draft, Writing – review & editing, Investigation. VG-P: Investigation, Methodology, Writing – original draft, Writing – review & editing, Conceptualization, Funding acquisition, Project administration, Supervision.”

The correct author contributions statement is

“E-YA-A: Conceptualization, Investigation, Methodology, Writing – original draft, Writing – review & editing, Formal analysis, Software, Validation. DB-V: Conceptualization, Formal analysis, Investigation, Methodology, Software, Validation, Writing – original draft, Writing – review & editing, Supervision. RV-B: Formal analysis, Investigation, Methodology, Supervision, Writing – original draft, Writing – review & editing. NG: Writing – original draft, Writing – review & editing, Funding acquisition, Resources. J-ER-C: Writing – original draft, Writing – review & editing,

Investigation, Methodology, Supervision. GC: Methodology, Writing – original draft, Writing – review & editing, Formal analysis. ME-R: Formal analysis, Methodology, Writing – original draft, Writing – review & editing, Conceptualization. JC-T: Methodology, Writing – original draft, Writing – review & editing. ACa: Formal analysis, Investigation, Methodology, Writing – original draft, Writing – review & editing, Funding acquisition, Resources. I-JA-M: Formal analysis, Investigation, Methodology, Writing – original draft, Writing – review & editing. EI: Methodology, Writing – original draft, Writing – review & editing. ACi: Methodology, Writing – original draft, Writing – review & editing, Investigation. VG-P: Investigation, Methodology, Writing – original draft, Writing – review & editing, Conceptualization, Funding acquisition, Project administration, Supervision.”

There was a mistake in [Table 2](#), page 9 as published. There were errors in the bibliographic references cited in [Table 2](#).

The corrected [Table 2](#) appears below.

The original version of this 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.

TABLE 2 Intact GLSs content in methanolic flowers (MF), methanolic leaves (ML), and ethanolic leaves (ELE) extracts.

Extract	Intact GLSs content in methanolic extracts			
	This work average $\pm$ standard deviation	Česlová et al. (24)	Griffiths et al. (47)	Schreiner et al. (9)
ML	18.27 ^b $\pm$ 2.93 μ mol SE/g DS 7.48 mg SE/g DS* 7,480 μ g SE/g DS*	331 μ g/g	0.63 μ mol/g	3.13 mg/g
MF	27.49 ^c $\pm$ 2.30 μ mol SE/DS 11.25 mg SE/g DS* 11,250 μ g SE/g DS*	302–480 μ g/g	–	6.36 mg/g
ELE	8.47 ^a $\pm$ 1.68 μ mol SE/g DS 3.46 mg SE/g DS* 3,460 μ g SE/g DS*			
LOD	0.53 μ M			
LOQ	1.77 μ M			
Equation	$y = 15,580,147.93x - 37,064$ ($R^2 = 0.9938$)			

*Intact GLSs content was calculated in different units for comparison purposes. LOD and LOQ refer to the limits of detection and quantification, respectively. R^2 represents the coefficient of determination. Statistically significant differences are indicated by letters (a–c), where (a) corresponds to the lowest value, followed by (b) and (c). SD, standard deviation; DS, dry sample.