

CORRECTION

Open Access



Correction: Antimicrobial resistance, virulence gene profiling, and genetic diversity of multidrug-resistant *Pseudomonas aeruginosa* isolates in Mazandaran, Iran

Ghazaleh Elahi¹, Hamid Reza Goli¹, Morvarid Shafiei², Vajihe Sadat Nikbin² and Mehrdad Gholami^{1,3*}

Correction: *BMC Microbiol* 24, 546 (2024)
<https://doi.org/10.1186/s12866-024-03707-5>

human infections by RAPD and ERIC-PCR. *Heliyon*. 2021;7(9):e07967.

Following publication of the original article [1], the authors identified that the bibliographic details of references 38 and 67 are the same. Therefore, the authors would like to remove reference 67 from the reference list. The references 38 and 67 are shown below. The original article has been corrected.

Published online: 01 February 2025

Reference: 38: Hematzadeh A, Haghkhah M. Biotyping of isolates of *Pseudomonas aeruginosa* isolated from human infections by RAPD and ERIC-PCR. *Heliyon*. 2021;7(9).

References

1. Elahi G, Goli HR, Shafiei M, et al. Antimicrobial resistance, virulence gene profiling, and genetic diversity of multidrug-resistant *Pseudomonas aeruginosa* isolates in Mazandaran, Iran. *BMC Microbiol*. 2024;24:546. <https://doi.org/10.1186/s12866-024-03707-5>.

Reference: 67: Hematzadeh A, Haghkhah M. Biotyping of isolates of *Pseudomonas aeruginosa* isolated from

Publisher's note

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

The online version of the original article can be found at <https://doi.org/10.1186/s12866-024-03707-5>.

*Correspondence:

Mehrdad Gholami

mehrdad_gholami90@yahoo.com; me.gholami@mazums.ac.ir

¹Department of Microbiology and Virology, Faculty of Medicine, Mazandaran University of Medical Sciences, Sari, Iran

²Department of Bacteriology, Pasteur Institute of Iran, Tehran, Iran

³Molecular and Cell Biology Research Centre, Faculty of Medicine, Mazandaran University of Medical Sciences, Sari, Iran



© The Author(s) 2025. **Open Access** This article is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License, which permits any non-commercial use, sharing, 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 you modified the licensed material. You do not have permission under this licence to share adapted material derived from this article or parts of it. 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 <http://creativecommons.org/licenses/by-nc-nd/4.0/>.