## **RETRACTION NOTE**



## Retraction Note: Potential use of proprotein convertase subtilisin/kexin type 9 (PCSK9) inhibition and prevention method in viral infection

Khursheed Muzammil<sup>1</sup>, Mohammad Hosseini Hooshiar<sup>2\*</sup>, Shirin Varmazyar<sup>3</sup>, Thabit Moath Omar<sup>4</sup>, Manal Morad Karim<sup>5</sup>, Sadeq Aadi<sup>6</sup>, Shaylan Kalavi<sup>7\*</sup> and Saman Yasamineh<sup>8\*</sup>

## Retraction: Microbial Cell Factories (2024) 23:90 https://doi.org/10.1186/s12934-024-02355-8

The Editor-in-Chief has retracted this article. An investigation by the Publisher has found a number of articles, including this one, which share similar concerns, involving but not limited to, irregularities with respect to submission and authorship. The Editor-in-Chief therefore

The original article can be found online at https://doi.org/10.1186/s12934-024-02355-8.

\*Correspondence:

Mohammad Hosseini Hooshiar Smh.hooshiar@gmail.com Shaylan Kalavi Kalavishaylan@gmail.com

Saman Yasamineh Yassaman 124@gmail.com

rassaman i 24@gmail.com

<sup>1</sup> Department of Public Health, College of Applied Medical Sciences, King Khalid University, Khamis Mushait Campus, Abha, KSA, Saudi Arabia

- <sup>2</sup> Department of Periodontology, School of Dentistry, Terhan University of Medical Sciences, Tehran, Iran
- <sup>3</sup> Department of Medicine, Shahroud Islamic azad University of Medical Sciences, Sharoud, Iran
- <sup>4</sup> Department of Medical Laboratory Technics, Al-Noor University College, Nineveh, Iraq

<sup>5</sup> Collage of Pharmacy, National University of Science and Technology, Dhi Qar 64001, Iraq

<sup>6</sup> College of Dentistry, Al-Mustaqbal University, Babylon 51001, Iraq

<sup>7</sup> Department of Clinical Pharmacy, Faculty of Pharmacy, Islamic Azad

University of Medical Sciences, Tehran, Iran

<sup>8</sup> Young Researchers and Elite Club, Tabriz Branch, Islamic Azad University, Tabriz, Iran no longer has confidence in the results and conclusions presented in this article. Mohammad Hosseini Hooshiar does not agree to this retraction. Manal Morad Karim and Saman Yasamineh did not state explicitly whether they agree to this retraction. Khursheed Muzammil, Shirin Varmazyar, Thabit Moath Omar, Sadeq Aadi and Shaylan Kalavi did not respond to correspondence from the Editor about this retraction.

Published online: 25 November 2024

## **Publisher's Note**

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



© 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 http://creativecommons.org/licenses/by/4.0/. The Creative Commons Public Domain Dedication waiver (http://creativecommons.org/publicdomain/zero/1.0/) applies to the data made available in this article, unless otherwise stated in a credit line to the data.