Check for updates

OPEN ACCESS

EDITED AND REVIEWED BY Yejun Tan, University of Minnesota Health Twin Cities, United States

*CORRESPONDENCE Haiming Chen Memin066@gzucm.edu.cn Chuanjian Lu Ncj@gzucm.edu.cn

[†]These authors have contributed equally to this work

RECEIVED 12 December 2024 ACCEPTED 16 December 2024 PUBLISHED 06 January 2025

CITATION

Yang Y, Zheng X, Lv H, Tang B, Zhong Y, Luo Q, Bi Y, Yang K, Zhong H, Chen H and Lu C (2025) Corrigendum: The causal relationship between serum metabolites and the risk of psoriasis: a Mendelian randomization and meta-analysis study. *Front. Immunol.* 15:1544371. doi: 10.3389/fimmu.2024.1544371

COPYRIGHT

© 2025 Yang, Zheng, Lv, Tang, Zhong, Luo, Bi, Yang, Zhong, Chen and Lu. This is an openaccess 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 causal relationship between serum metabolites and the risk of psoriasis: a Mendelian randomization and meta-analysis study

Yujie Yang^{1†}, Xuwei Zheng^{1†}, Haiying Lv¹, Bin Tang^{1,2,3,4,5}, Yiyuan Zhong¹, Qianqian Luo¹, Yang Bi¹, Kexin Yang¹, Haixin Zhong¹, Haiming Chen^{1,2,3,4,5*} and Chuanjian Lu^{1,2,3,4,5*}

¹The Second Clinical College of Guangzhou University of Chinese Medicine, Guangzhou, China, ²State Key Laboratory of Dampness Syndrome of Chinese Medicine, The Second Affiliated Hospital of Guangzhou University of Chinese Medicine (Guangdong Provincial Hospital of Chinese Medicine), Guangzhou, China, ³Guangdong Provincial Key Laboratory of Clinical Research on Traditional Chinese Medicine Syndrome, Guangzhou, China, ⁴Guangdong Provincial Clinical Medicine Research Center for Chinese Medicine Dermatology, Guangzhou, China, ⁵Guangdong-Hong Kong-Macau Joint Lab on Chinese Medicine and Immune Disease Research, Guangzhou University of Chinese Medicine, Guangzhou, China

KEYWORDS

psoriasis, Mendelian randomization, metabolites, causal effect, implication

A Corrigendum on

The causal relationship between serum metabolites and the risk of psoriasis: a Mendelian randomization and meta-analysis study

By Yang Y, Zheng X, Lv H, Tang B, Zhong Y, Luo Q, Bi Y, Yang K, Zhong H, Chen H and Lu C (2024) *Front. Immunol.* 15:1343301. doi: 10.3389/fimmu.2024.1343301

In the published article, there was an error in **Figure 4** as published. The duplicate **Figure 4B** was mistakenly uploaded to the position of **Figure 4C**. 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.



FIGURE 4

(A) displays the heterogeneity and pleiotropy analysis results of 24 metabolites that have been successfully validated. (B) displays the enrichment pathways of metabolites in KEGG and (C) displays the enrichment pathways of metabolites in SMPDE database.