CORRECTION Open Access



Correction to: Proteomic analysis of human synovial fluid reveals potential diagnostic biomarkers for ankylosing spondylitis

Ji-Hyun Lee^{1†}, Jae Hun Jung^{2†}, Jeesoo Kim^{3,4}, Won-Ki Baek⁵, Jinseol Rhee⁶, Tae-Hwan Kim⁷, Sang-Hyon Kim¹, Kwang Pyo Kim^{2*}, Chang-Nam Son^{1*} and Jong-Seo Kim^{3,4*}

Following publication of the original article [1], the authors noticed the errors in Fig. 4 and Supplementary Fig. 1.

In the Fig. 4, the CFHR5 band of G1-10 is duplicated with the C9 band.

In the Fig. 4 and Supplementary Fig. 1, the transferrin band of O6-10 is duplicated with the A6-10, independent sample O1-5.

In the Fig. 4 and Supplementary Fig. 1, the transferrin band of R6-10 is duplicated with the independent sample G1-5.

The corrected version of Fig. 4 is given below. The corrected supplementary file 5 is provided in this Correction article. The corrected figures do not alter the overall conclusions of this study, and all other data still stand. The authors regret this error and apologize for any confusion or inconvenience it may have caused.

[†]Jihyun Lee and Jae Hun Jung equally contributed to this work.

The online version of the original article can be found at https://doi.org/10.1186/s12014-020-09281-y.

*Correspondence:

Kwang Pyo Kim

kimkp@khu.ac.kr

Chang-Nam Son cnson@kmu.ac.kr

Jona-Seo Kim

jongseokim@snu.ac.kr

¹Division of Rheumatology, Department of Internal Medicine, School of Medicine, Keimyung University, Daegu, South Korea

²Department of Applied Chemistry, Institute of Natural Science, Global Center for Pharmaceutical Ingredient Materials, Kyung Hee University, Yongin, South Korea

³Center for RNA Research, Institute of Basic Science (IBS), Seoul 08826, South Korea

⁴School of Biological Sciences, Seoul National University, Seoul 08826. Korea

⁵Department of Microbiology, School of Medicine, Keimyung University, Daegu, South Korea

⁶New drug R&D Center, ARIBIO Co. Ltd, Seongnam, South Korea

⁷Department of Rheumatology, Hanyang University Hospital for Rheumatic Diseases. Seoul. South Korea



© The Author(s) 2023. **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.

Lee et al. Clinical Proteomics (2023) 20:34 Page 2 of 2

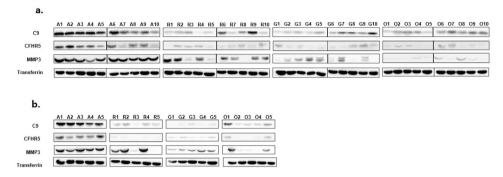


Fig. 4 Verification of C9, CFHR5, and MMP3 in synovial fluid by western blot. **a** Western blot analysis in the original synovial fluid sample set: A; AS (n=10), R; RA (n=10), G; gout (n=10), and O; OA (n=10). **b** Western blot analysis in the independent sample set: AS (n=5), RA (n=5), gout (n=5), OA (n=5). Transferrin was used as an input amount control

Supplementary Information

The online version contains supplementary material available at https://doi.org/10.1186/s12014-023-09423-y.

Supplementary Material 1 S1. Verification of C4A, MBL2, and APCS in synovial fluid by western blot. (a) Western blot analysis in the original synovial fluid sample set: A; AS (n=10), R; RA (n=10), G; gout (n=10), and O; OA (n=10). (b) Western blot analysis in the Independent sample set: AS (n=5), RA (n=5), gout (n=5), OA(n=5). Transferrin was used as an input amount control.

Published online: 02 September 2023

References

 Lee JH, Jung JH, Kim JS, Baek WK, Rhee JS, Kim TH, et al. Proteomic analysis of human synovial fluid reveals potential diagnostic biomarkers for ankylosing spondylitis. Clin Proteom. 2020;17:20.

Publisher's Note

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