

CORRECTION

Open Access



Correction: CD34⁺THY1⁺ synovial fibroblast subset in arthritic joints has high osteoblastic and chondrogenic potentials in vitro

Seiji Noda¹, Tadashi Hosoya¹, Yoji Komiya¹, Yasuhiro Tagawa¹, Kentaro Endo², Keiichiro Komori², Hideyuki Koga³, Yasuhiro Takahara⁴, Kazutaka Sugimoto⁵, Ichiro Sekiya², Tetsuya Saito¹, Fumitaka Mizoguchi^{1^} and Shinsuke Yasuda^{1*}

Correction: Arthritis Res Ther 24, 45 (2022)
<https://doi.org/10.1186/s13075-022-02736-7>

Following publication of the original article [1], the authors identified typographical errors in PPAR γ and CD29 primer sequences in Table 2. The correct table is given below.

Author details

¹Department of Rheumatology, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, 1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8519, Japan. ²Center for Stem Cell and Regenerative Medicine, Tokyo Medical and Dental University, Tokyo, Japan. ³Department of Joint Surgery and Sports Medicine, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan. ⁴Department of Orthopedics, Nippon Koukan Fukuyama Hospital, Fukuyama, Japan. ⁵Department of Orthopedics, Sonodakai Joint Replacement Center Hospital, Tokyo, Japan.

Published online: 24 September 2022

The original article can be found online at <https://doi.org/10.1186/s13075-022-02736-7>.

[^]Fumitaka Mizoguchi passed away on 17 November 2020.

*Correspondence: syasuda.rheu@tmd.ac.jp

¹Department of Rheumatology, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, 1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8519, Japan

Full list of author information is available at the end of the article



© The Author(s) 2022. **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.

Table 2 Primers sequences used in the study

| Primer | Forward | Reverse |
|---------------|----------------------------|-----------------------------|
| ALPL | 5'ATGCTGAGTGACACAGACAAGAAG | 5'GGTAGTTGTTGTGAGCATAGTCCAC |
| RUNX2 | 5'CATCACCGATGTGCCTAGG | 5'TAAGTAAAGGTGGCTGGATAGTG |
| OCN | 5'GACTGTGACGAGTTGGCTG | 5'GGGAAGAGGAAAGAAGGGTG |
| ACAN | 5'TGTGGGACTGAAGTTC TTGG | 5'AGCGAGTTGTCATGGTCTG |
| LPL | 5'ACACTTGCCACCTCATTCC | 5'ACCCAACCTCATAATTCTG |
| PPAR γ | 5'GTCGGTTTCAGAAATGCCTTG | 5'GCTGGTCGATACACTGGAG |
| THY1 | 5'CTACTTATCCGCCTTCACTAGC | 5'TGATGCCCTCACACTTGAC |
| CD34 | 5'CAACATCTCCCACTAAACCCT | 5'TCTTAAACTCCGCACAGCTG |
| CD73 | 5'CACACGGATGAAATGTTCTGG | 5'GGTCAAATGTGCCTCAAAG |
| CD271 | 5'GTGGAGAGTCTGTGCAGTG | 5'ATCGGTTGTCGGAATGTGG |
| CD54 | 5'CAATGTGCTATTCAAACCTGCC | 5'CAGCGTAGGGTAAGGTTCTTG |
| CD29 | 5'TGTAAGGAGAAGGATGTTGACG | 5'CAACCACACCAGCTACAATTG |
| 18S | 5'ACTCAACACGGGAAACCTCA | 5'AACCAGACAAATCGCTCCAC |

ALPL alkaline phosphatase, OCN osteocalcin, ACAN aggrecan, LPL lipoprotein lipase, PPAR γ peroxisome proliferator-activated receptor γ