



Corrigendum to “Non-thermal atmospheric-pressure plasma potentiates mesodermal differentiation of human induced pluripotent stem cells” [Heliyon 8(12) (December 2022) e12009]

Mime Kobayashi^{a,b,*}, Kiichiro Tomoda^{b,c,d}, Hirofumi Morihara^b, Michio Asahi^b, Tetsuji Shimizu^e, Shinya Kumagai^f

^a Division of Biological Science, Nara Institute of Science and Technology, 8916-5 Takayama, Ikoma, Nara, 630-0192, Japan

^b Department of Pharmacology, Osaka Medical and Pharmaceutical University, 2-7 Daigaku-machi, Takatsuki, Osaka, 569-8686, Japan

^c Gladstone Institute of Cardiovascular Disease, San Francisco, CA, 94158, USA

^d Center for iPS Cell Research and Application (CiRA), Kyoto University, 53 Kawahara-cho, Shogoin, Sakyo-ku, Kyoto, 606-8507, Japan

^e Research Institute for Advanced Electronics and Photonics, National Institute of Advanced Industrial Science and Technology, Tsukuba, Ibaraki, 305-8560, Japan

^f Department of Electrical and Electronic Engineering, Meijo University, 1-501 Shiogamaguchi, Tempaku-ku, Nagoya, 468-8502, Japan

In the original published version of this article, the text “Immediately after plasma exposure, cells were washed with PBS and dissociated using Accutase® (Innovative Cell Technologies, Inc., San Diego, CA, USA), counted, and $1-2 \times 10^6$ cells were plated in a 10-cm non-coated dish. Cells were cultured for four days in EB differentiation medium followed by three-day culture in medium consisted of 80% DMEM (with glutamine and non-essential amino acids) and 20% FBS. On day 7, cells were lysed and total RNA was extracted using RNAzol® -RT (Molecular Research Center, Inc., Cincinnati, OH, USA). Absorbances of RNA at 260 and 280 nm were measured with NanoDrop™ ND-1000 spectrophotometer (Thermo Fisher Scientific Inc., Waltham, MA, USA) for quantification. Using RTase (Takara Bio Inc., Otsu, Japan), cDNA was synthesized and qPCR was conducted using TaqMan hPSC Scorecard™ Panel (product no. A15871, Thermo Fisher Scientific Inc.) on a StepOnePlus™ real-time qPCR machine (Applied Biosystems). PCR reaction and gene analysis were conducted following manufacturer’s protocol using hPSC Scorecard™ Analysis Software, the Web-based system provided by the manufacturer. PCR amplification started with a 20-s denaturation step at 95 °C followed by 40 cycles of 95 °C for 1 s and 60 °C for 20 s. The EB differentiation medium consisted of 70% DMEM, 20% FBS, and 10% StemFit with 10 μM ROCK-i. Statistical analysis was conducted by Student’s *t*-test unless otherwise noted.” was excluded from section “2.3 EB formation, differentiation and gene expression analysis”. To fix this, the above quoted text will be included in the section “2.3 EB formation, differentiation and gene expression analysis”. This mistake was made during the proofing stage and will now be corrected.

The authors apologize for the errors. Both the HTML and PDF versions of the article have been updated to correct the errors.

DOI of original article: <https://doi.org/10.1016/j.heliyon.2022.e12009>.

* Corresponding author. Division of Biological Science, Nara Institute of Science and Technology, 8916-5 Takayama, Ikoma, Nara, 630-0192, Japan.

E-mail address: kobayashi.mime01@bs.naist.jp (Mime Kobayashi).

<https://doi.org/10.1016/j.heliyon.2023.e17585>

Received 21 June 2023; Accepted 21 June 2023

Available online 26 June 2023

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