

Published online: 26 September 2018

OPEN Publisher Correction: Sirt1 activator induces proangiogenic genes in preadipocytes to rescue insulin resistance in diet-induced obese mice

Allah Nawaz^{1,2}, Arshad Mehmood^{1,4}, Yukiko Kanatani¹, Tomonobu Kado¹, Yoshiko Igarashi¹, Akiko Takikawa¹, Seiji Yamamoto³, Keisuke Okabe¹, Takashi Nakagawa², Kunimasa Yaqi¹, Shiho Fujisaka¹ & Kazuyuki Tobe¹

Correction to: Scientific Reports https://doi.org/10.1038/s41598-018-29773-0, published online 27 July 2018

This Article contains an error in Figure 3E, where the HFD+SRT1720 label is missing. The correct Figure 3 appears below as Figure 1.

¹First Department of Internal Medicine, University of Toyama, 2630 Sugitani, Toyama-shi, Toyama, 930-0194, Japan. ²Department of Metabolism and Nutrition, University of Toyama, 2630 Sugitani, Toyama-shi, Toyama, 930-0194, Japan. ³Department of Pathology, University of Toyama, 2630 Sugitani, Toyama-shi, Toyama, 930-0194, Japan. ⁴Department of Biosciences, Barrett Hodgson University, Karachi, Pakistan. Allah Nawaz and Arshad Mehmood contributed equally. Correspondence and requests for materials should be addressed to A.N. (email: nawaz@med.utoyama.ac.jp) or K.T. (email: tobe@med.u-toyama.ac.jp)

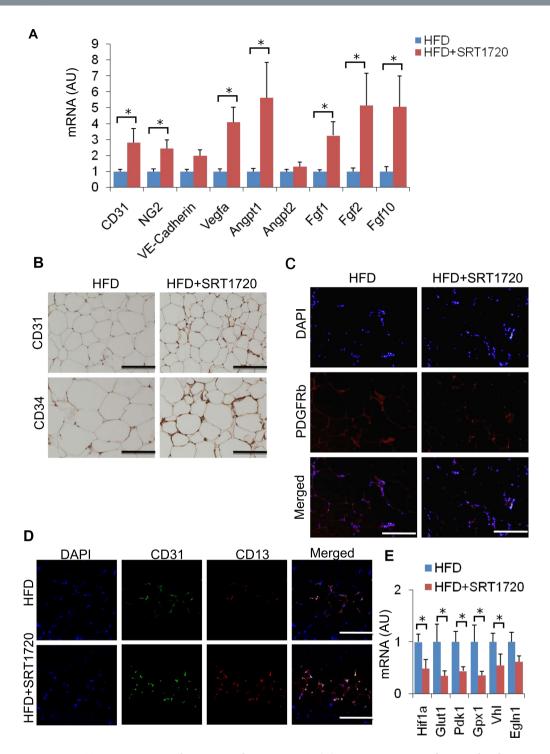


Figure 1. SRT1720 treatment enhances vasculature in eWAT. (A) mRNA expression of genes related to angiogenesis in eWAT. (n = 6–7). The results are shown as the mean \pm SEM. *P < 0.05, **P < 0.01. (B) Immunostaining of eWAT with anti-CD31 and CD34 antibody. (C) Immunofluorescence labeling of eWAT with anti-PDGFRb. (D) Immunofluorescence labeling of eWAT with anti-CD31 (green) and anti-CD13 (red) antibodies. Scale bar, 100 μm . (E) Relative mRNA expression of hypoxia-related genes in eWAT from DIO mice treated with or without SRT1720 (n = 4–5 per group). The results are shown as the mean \pm SEM. *P < 0.05, **P < 0.01.

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 license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license 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 license, visit https://creativecommons.org/licenses/by/4.0/.

© The Author(s) 2018