frontiers | Frontiers in Endocrinology

TYPE Correction
PUBLISHED 07 January 2025
DOI 10.3389/fendo.2024.1528968

OPEN ACCESS

EDITED AND REVIEWED BY
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RECEIVED 15 November 2024
ACCEPTED 13 December 2024
PUBLISHED 07 January 2025

CITATION
Behler-Janbeck F, Baranowsky A, Yorgan TA, Jaeckstein MY, Worthmann A, Fuh MM, Gunasekaran K, Tiegs G, Amling M, Schinke T and Heeren J (2025) Corrigendum: The short-chain fatty acid receptors Gpr41/43 regulate bone mass by promoting adipogenic differentiation of mesenchymal stem cells. *Front. Endocrinol.* 15:1528968. doi: 10.3389/fendo.2024.1528968

Corrigendum: The short-chain fatty acid receptors Gpr41/43 regulate bone mass by promoting adipogenic differentiation of mesenchymal stem cells

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KEYWORDS

G protein-coupled receptors, Gpr41/43, short-chain fatty acids (SCFAs), acetate, osteoblasts, bone formation, adipogenesis

A Corrigendum on

The short-chain fatty acid receptors Gpr41/43 regulate bone mass by promoting adipogenic differentiation of mesenchymal stem cells

By Behler-Janbeck F, Baranowsky A, Yorgan TA, Jaeckstein MY, Worthmann A, Fuh MM, Gunasekaran K, Tiegs G, Amling M, Schinke T and Heeren J (2024) *Front. Endocrinol.* 15:1392418. doi: 10.3389/fendo.2024.1392418

In the published article, there was an error in Figure 5 as published. The wrong image in Figure 5G was unintentionally inserted due to a copy and paste error when compiling the revised version of the manuscript. The corrected Figure 5 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.

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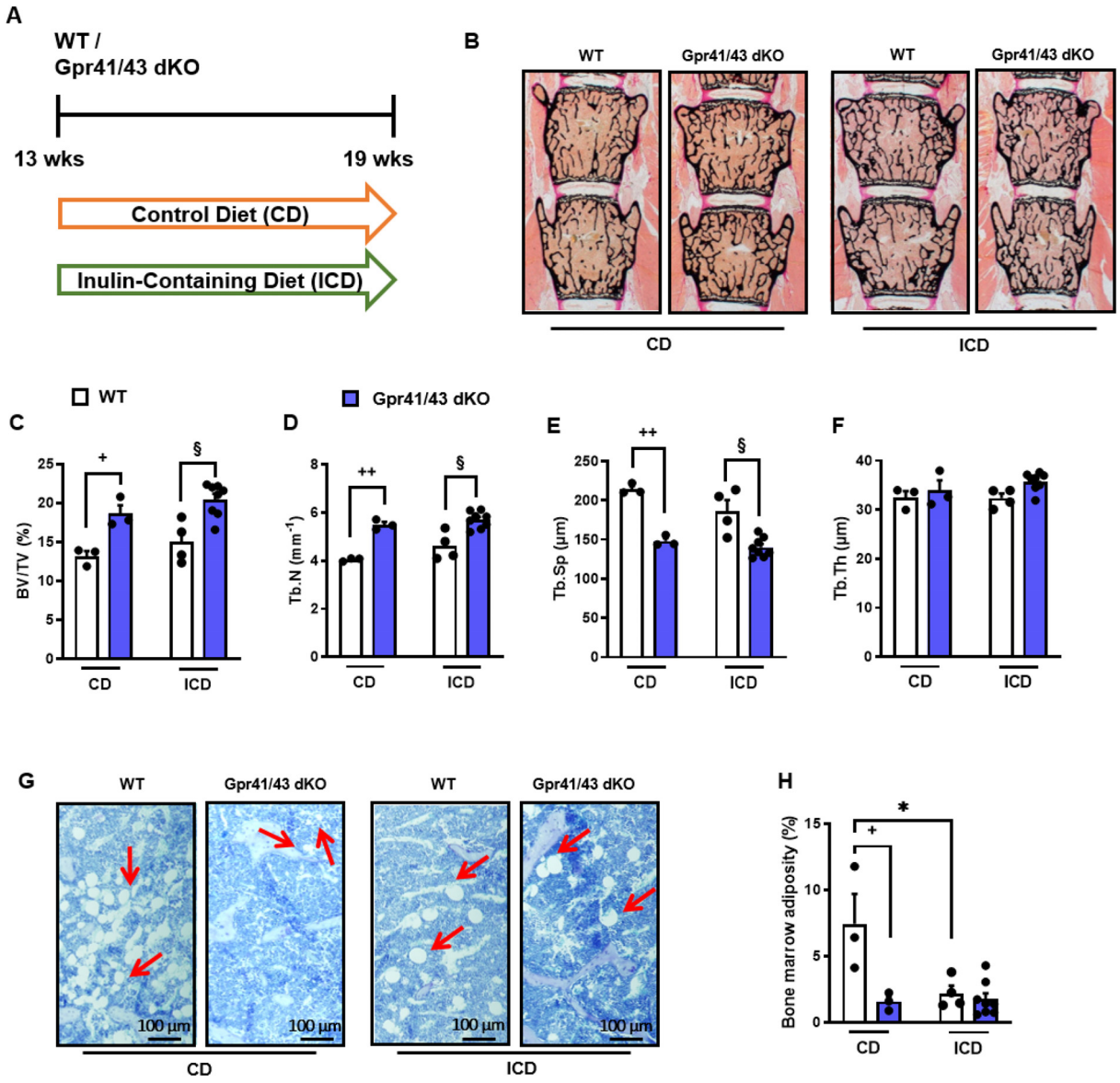

FIGURE 5
Inulin-containing diet decreases bone marrow adiposity. **(A)** Study design: 13 weeks old male WT (white bars) and Gpr41/43 dKO mice (blue bars) were fed an inulin-containing diet (ICD) or a respective control diet (CD) for 6 weeks. **(B)** Representative undecalcified histological sections and of vertebral bodies from 19 weeks old male WT and Gpr41/43 dKO mice fed an inulin-containing diet (ICD) or a respective control diet (CD). **(C–F)** Histomorphometric evaluation of trabecular bone parameters in the same sections. **(C)** Bone volume per tissue volume, **(D)** trabecular numbers (Tb.N), **(E)** trabecular spacing (Tb.Sp), **(F)** trabecular thickness (Tb.Th). **(G)** Representative images of toluidine blue stained tibia sections and red arrows indicate bone marrow adipocytes. **(H)** Quantification of bone marrow adiposity from the same section. Data were shown as dot plots with median values indicated as horizontal bars ± SEM $^{+}p < 0.05$ WT CD vs. Gpr41/43 dKO CD, $^{++}p < 0.01$ WT CD vs. Gpr41/43 dKO CD, $^{*}p < 0.05$ WT CD vs. WT ICD, $^{\#}p < 0.05$ Gpr41/43 dKO CD vs. Gpr41/43 dKO ICD, $^{\S}p < 0.05$ WT ICD vs. Gpr41/43 dKO ICD, determined by two-way ANOVA. WT, CD: n=3, Gpr41/43, CD: n=3, WT, ICD: n=4, Gpr41/43 dKO, ICD: n=8.