Erratum

Genetic inactivation of IL-1 signaling enhances atherosclerotic plaque instability and reduces outward vessel remodeling in advanced atherosclerosis in mice

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During the preparation of this manuscript, errors were inadvertently introduced into the legends for Figures 1, 2, and 3. The correct sections of the legends appear below.

Figure 1: **(B)** Quantification of total atherosclerotic plaque area within the aortic root of *Il1r1^{+/+}Apoe^{-/-}* and *Il1r1^{-/-}Apoe^{-/-}* mice at 150- μ m intervals from the aortic valve attachment site ($P < 0.001$ for difference between genotypes by Scheirer-Ray-Hare test). $n = 13$, *Il1r1^{+/+}Apoe^{-/-}*; $n = 12$, *Il1r1^{-/-}Apoe^{-/-}*. Data represent mean $\pm$ SEM.

Figure 2: L-1R1 deficiency reduces compensatory outward remodeling of atherosclerotic brachiocephalic arteries. **(A)** Movat staining of representative brachiocephalic arteries of *Il1r1^{-/-}Apoe^{-/-}* and *Il1r1^{+/+}Apoe^{-/-}* mice. Scale bars: 200 μ m. **(B–D)** Atherosclerotic plaque area **(B)**, vessel area within the IEL ($P < 0.001$ for difference between genotypes by 2-way ANOVA) **(C)**, and lumen area ($P < 0.001$ for difference between genotypes by 2-way ANOVA after square root transformation) **(D)** at multiple locations along the brachiocephalic arteries of *Il1r1^{-/-}Apoe^{-/-}* and *Il1r1^{+/+}Apoe^{-/-}* mice. $n = 14$, *Il1r1^{+/+}Apoe^{-/-}*; $n = 12$, *Il1r1^{-/-}Apoe^{-/-}*. Data in **B–D** represent mean $\pm$ SEM.

Figure 3: **(F–J)** Quantification of **(F)** plaque collagen content based on picrosirius red staining, $P < 0.001$ for difference of genotypes by 2-way ANOVA, **(G)** plaque SMC coverage based on SM α -actin staining, $P < 0.001$ for difference of genotypes by the Scheirer-Ray-Hare test, **(H)** total plaque SMC content based on SM α -actin staining, $P < 0.001$ for difference of genotypes by the Scheirer-Ray-Hare test, **(I)** plaque macrophage content based on Mac2 staining, $P = 0.01$ for difference of genotypes by 2-way ANOVA after log transformation, and **(J)** the percentage of brachiocephalic arteries exhibiting intraplaque hemorrhage based on Movat and TER-119 staining, $**P < 0.01$ by Fisher's exact test.

The *JCI* regrets the errors.