Erratum

Erratum to “Magnetic Resonance Imaging of Atherosclerosis Using CD81-Targeted Microparticles of Iron Oxide in Mice”

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In the article titled “Magnetic Resonance Imaging of Atherosclerosis Using CD81-Targeted Microparticles of Iron Oxide in Mice” [1], the images in the IgG-MPIO column in Figure 5 did not clearly show the difference between the movement before and after injection. Therefore, they have been replaced with a locally enlarged higher-resolution version in place.

In addition, there was an error in the legend of Figure 5 where "(P < 0.05 at 4 weeks; P < 0.01 at 20 and 30 weeks)"; "(mean ± SD), with no significant difference in post-MPIO CNR between time-points. Scale bars = 1mm", and “at baseline and 30 and 60 minutes after injection of PV-MPIO” should be removed. The corrected Figure and legend are as follows.
Figure 5: In vivo MR images of aortic root after MPIO injection. (a) Representative MR images of the aortic root in apoE−/− mice before or after injection with MPIO (left), IgG-MPIO (middle), or CD81-MPIO (right). The arrow points out the low signal areas after CD81-MPIO injection. (b) Contrast-to-noise ratio (CNR) of MPIO-positive lesion areas was significantly increased after injection of CD81-MPIO compared to equivalent lesion areas on precontrast images. (c) Quantitative analysis of MRI data. Mean area (±SD) of low MR signal areas in aortic roots.

References

[1] F. Yan, W. Yang, X. Li et al., “Magnetic resonance imaging of atherosclerosis using CD81-targeted microparticles of iron oxide in mice,” BioMed Research International, vol. 2015, Article ID 758616, 10 pages, 2015.