Erratum

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

Fei Yan ^{1,2,3} **Wei Yang**² **Xiang Li**² **Hongmei Liu**¹ **Xiang Nan**² **Lisi Xie**² **Dongliang Zhou**² **Guoxi Xie**² **Junru Wu** ⁴ **Bensheng Qiu**² **Xin Liu**² and **Hairong Zheng** ^{1,2}

¹The Third Affiliated Hospital of Southern Medical University, Guangzhou 510500, China

²Paul C. Lauterbur Research Center for Biomedical Imaging, Institute of Biomedical and Health Engineering, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen 518055, China

³Shenzhen Key Laboratory for Molecular Imaging, Shenzhen 518055, China

⁴Department of Physics, University of Vermont, Burlington, VT 05405, USA

Correspondence should be addressed to Hairong Zheng; hr.zheng@siat.ac.cn

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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 14 weeks; $P < 0.01$ at 20 and 30 weeks)”, “(mean $\pm$ 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 ($\pm$ 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.