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Author Correction: Non-Invasive Photoacoustic Imaging of *In Vivo* Mice with Erythrocyte Derived Optical Nanoparticles to Detect CAD/MI

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Correction to: Scientific Reports <https://doi.org/10.1038/s41598-020-62868-1>, published online 06 April 2020

This Article contains errors in Figure 7: Panels (d), (e), (f), (g) and (h) are incorporated erroneously. Furthermore, the correct panels (b) and (d) are missing in the image. As a result, the Figure legend,

“Histochemical analysis. In Trichrome stained heart (a) 20×, (b) 200× exhibited ligated LAD coronary artery (black arrow) and its surrounding region with infarct stained with blue colored collagen fibers indicative of scarring/tissue necrosis. The viable muscle tissues are highlighted with red stain (white arrow). (c) Trichrome stained (100×) septum in between left and right ventricles is highlighted with blue collagen indicative of infarct region. (d) Picrosirius red indicating degraded collagen (200×) and (e) polarized light was used to visualize collagen types (400×). (f) Oil Red-O was used to identify lipids in atherosclerotic lesions (200×). Mac-2 staining for (g) macrophages present with a dapi and (h) macrophage overlay (200×). (i) H&E stained (200×) liver histologically demonstrated normal portal tract, surrounding liver parenchyma without necrosis, inflammation, fibrosis or no other pathologic changes. Note: results presented here is based on 20 μM NETs. Note: results presented here is based on 20 μM NETs.”

should read:

“After the photoacoustic and fluorescence imaging the heart was harvested for histochemical analysis. Trichrome stained heart (a) 20×, (b) 100×, (c) 200× exhibited ligated LAD coronary artery (green arrow) and its surrounding region of infarct area (black arrow) stained with blue colored collagen fibers indicative of scarring/infarction. The viable muscle tissues are highlighted with red stain (white arrow). (d) Trichrome stain of the heart (20×), showing left ventricle (red arrow) with blue staining collagen fibers indicative of scarring/infarction and right ventricle (blue arrow) with bright red staining of intact viable myocytes (muscle tissue). Early thrombus (yellow arrow) is also observed. (e) Trichrome stained (100×) septum in between left and right ventricles is highlighted with blue collagen indicative of infarct region. (f) H&E stained (200×) liver histologically demonstrating normal portal tract, surrounding liver parenchyma without necrosis, inflammation, fibrosis or no other cell necrosis.”

The correct version of Figure 7 and the correct Figure legend appear below as Figure 1.

Published online: 30 October 2020

Figure 1. After the photoacoustic and fluorescence imaging the heart was harvested for histiochemical analysis. Trichrome stained heart (a) 20 $\times$, (b) 100 $\times$, (c) 200 $\times$ exhibited ligated LAD coronary artery (green arrow) and its surrounding region of infarct area (black arrow) stained with blue colored collagen fibers indicative of scarring/infarction. The viable muscle tissues are highlighted with red stain (white arrow). (d) Trichrome stain of the heart (20 $\times$), showing left ventricle (red arrow) with blue staining collagen fibers indicative of scarring/infarction and right ventricle (blue arrow) with bright red staining of intact viable myocytes (muscle tissue). Early thrombus (yellow arrow) is also observed. (e) Trichrome stained (100 $\times$) septum in between left and right ventricles is highlighted with blue collagen indicative of infract region. (f) H&E stained (200 $\times$) liver histologically demonstrating normal portal tract, surrounding liver parenchyma without necrosis, inflammation, fibrosis or no other cell necrosis.

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