

Supplementary information

**Near-infrared-persistent luminescence/bioluminescence imaging tracking of
transplanted mesenchymal stem cells in pulmonary fibrosis**

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In vivo PL and BL imaging control

Since the labeled nanoparticles were nearly completely metabolized after 30 days, the mice transplanted with the labeled stem cells for 30 days were used as blank controls in the experiment, in which the image of the BL control was taken 10 min after that of the PL control using the same anesthetized mouse.