

Figure S1. Enhancement of blood vessels. (A) Coronal CT image 22 min post injection of $\text{Fe}_3\text{O}_4\text{@Au}$; (B) Coronal T2* MRI 16 min post injection of $\text{Fe}_3\text{O}_4\text{@Au}$. Arrows mark blood vessels of the kidney.

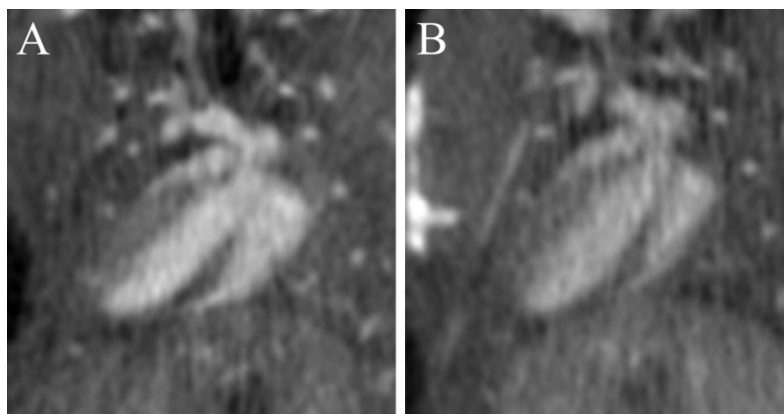


Figure S2. Enhancement of heart chambers. Coronal CT image. (A) CT image 22 min post injection of $\text{Fe}_3\text{O}_4\text{@Au}$; (B) CT image 90 min post injection of $\text{Fe}_3\text{O}_4\text{@Au}$.

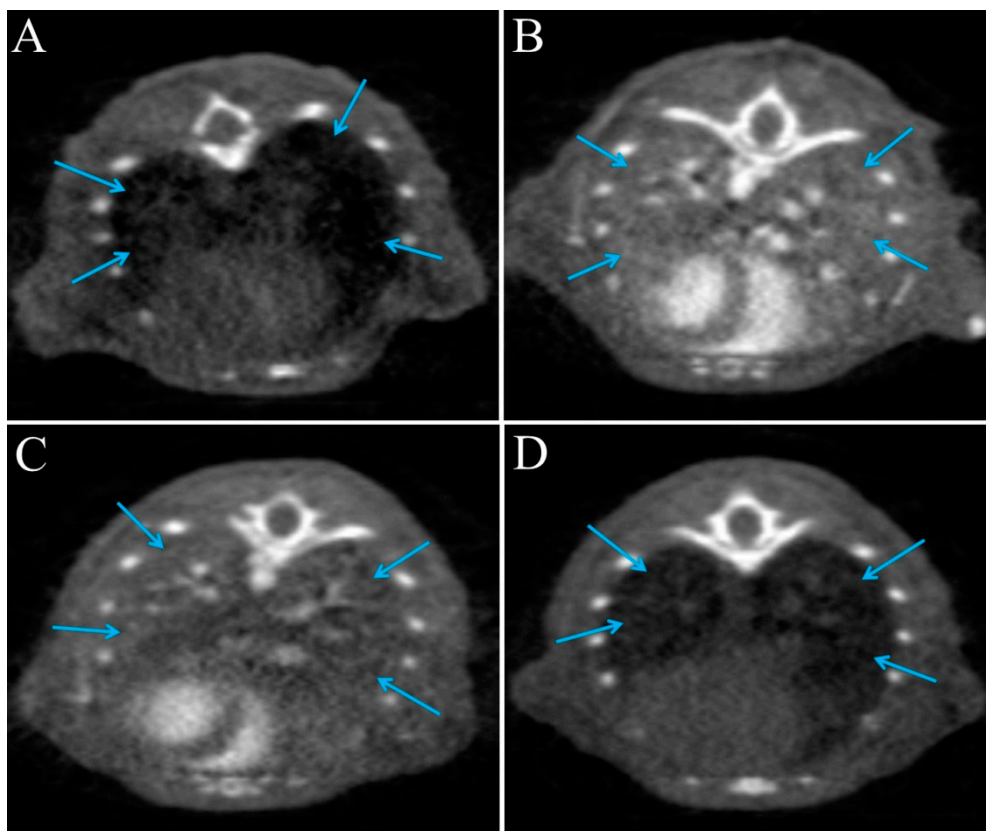


Figure S3. Transversal CT images of mouse lungs. (A) Native CT image; (B) CT image 22 min post injection of Fe₃O₄@Au; (C) CT image 90 min post injection of Fe₃O₄@Au; (D) CT image 17 days post injection of Fe₃O₄@Au. Arrows mark pulmonary tissue.