

Supporting Information

Highly Sensitive Living Probe Derived from Nanoparticle-Remodeled Neutrophils for Precision Tumor Imaging Diagnosis

Qiansai Qiu,^a Ya Wen,^b Haiqing Dong,^b Aijun Shen,^a Xingxing Zheng,^a Yongyong Li^{*b} and Feng Feng^{*a}

a. Department of Medical Imaging, Nantong Tumor Hospital, Nantong University, Nantong 226361, China. E-mail: fengfeng@ntu.edu.cn

b. Shanghai East Hospital, The Institute for Biomedical Engineering & Nano Science (iNANO), Tongji University School of Medicine, Shanghai 200092, China. E-mail: yongyong_li@tongji.edu.cn

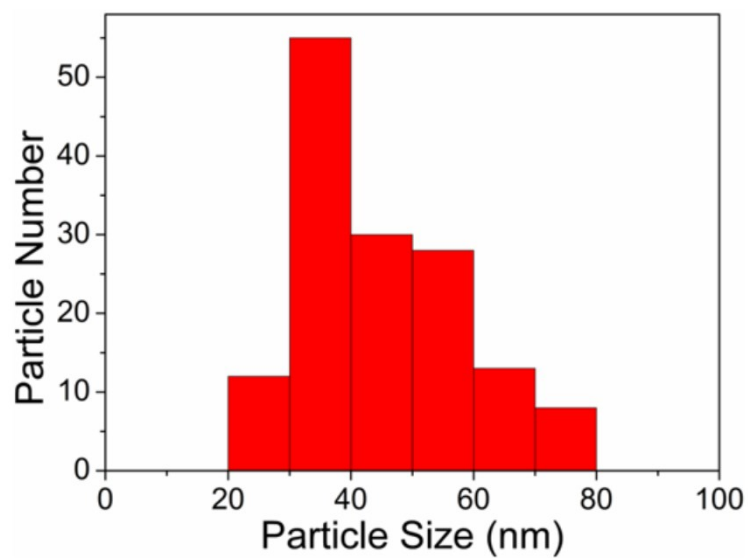


Figure S1. The size distribution of Gd@BSA NPs in TEM image.

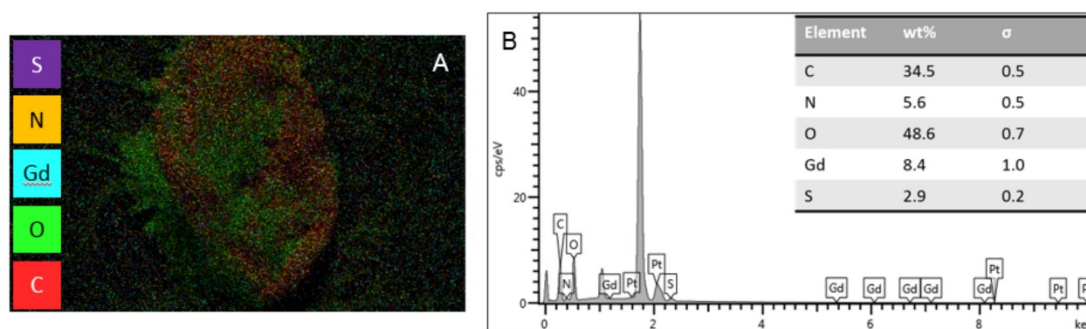


Figure S2. The structure analysis of Gd@BSA NPs. (A) The element mapping of Gd@BSA NPs. (B) The EDX elemental analysis.

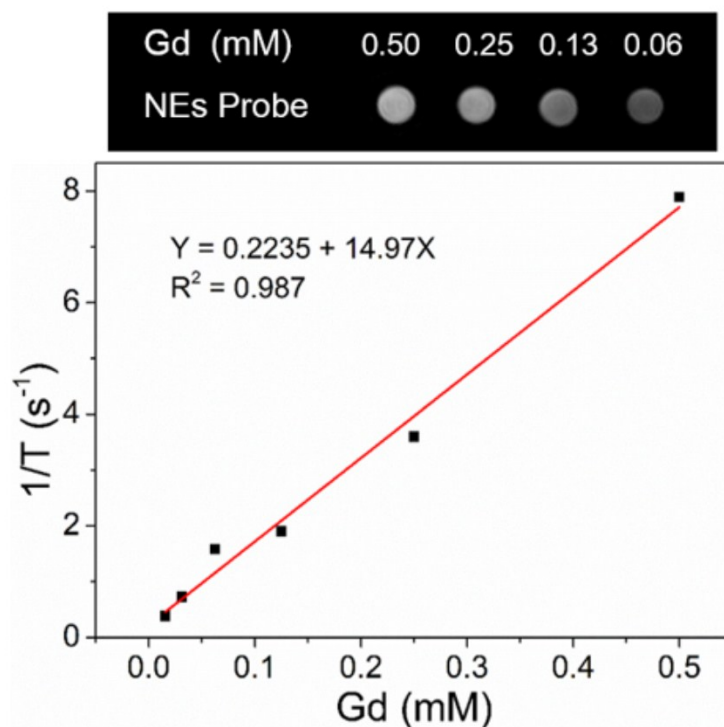


Figure S3. The longitudinal relaxation and T1-weighted MR images of NEs probe with different Gd³⁺ concentrations.

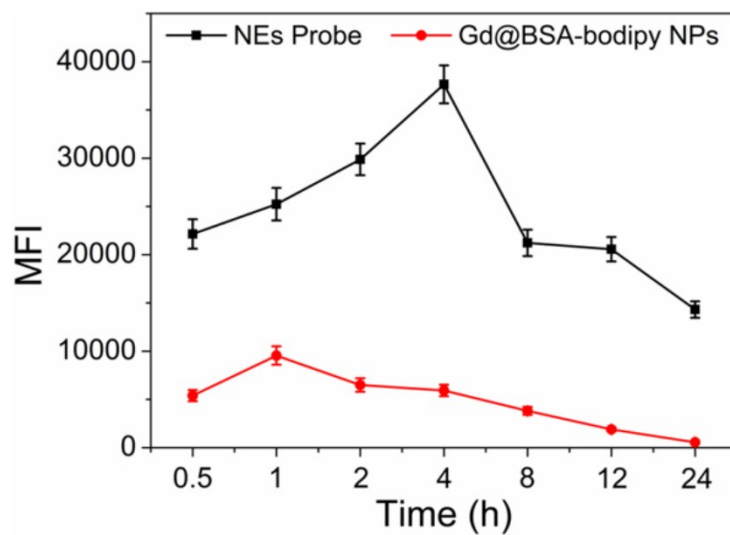


Figure S4. MFI of NEs probe and Gd@BSA-bodipy NPs accumulated in tumors at predetermined time points post injection (n = 3 mice per group).