

Supplementary Information

Mesoporous Magnetic Gold “NanoClusters” as Theranostic Carrier for Chemo-Photothermal Co-therapy of Breast Cancer

JinRong Peng^{a†}, TingTing Qi^{a†}, JinFeng Liao^{a†}, BingYang Chu^a, Qian Yang^a, Ying Qu^a,
WenTing Li^a, He Li^b, Feng Luo^a, ZhiYong Qian^{a*}

^a State Key Laboratory of Biotherapy, West China Hospital, West China Medical School, Sichuan University, Chengdu 610041, PR China

^b School of Chemistry and Chemical Engineering, University of Jinan, Jinan 250022, PR China

Address correspondence to Zhiyong Qian, Sichuan University, Anderson-qian@163.com; Fax: +86-28-85164060; Tel: +86-28-85164063

1. Supplementary Table

Table S1 N, Fe and Au contents of MFeNCs and MMGNCs

Element		EA (%)	EDX (%)	ICP-AES (%)
N	MFeNCs without PEI	0.44	0.27	—
	MFeNCs with PEI	3.27	3.64	—
Fe	MFeNCs with PEI	—	37.20 ± 0.85	—
Au	MFe NCs with PEI	—	0	—
Fe	MMGNCs	—	34.48±1.36	32.73±2.77
Au	MMGNCs	—	16.21±1.02	14.60±2.18

2. Supplementary Figures

2.1 figure captions

Figure S1 FT-IR spectrum of sodium alginate (a), MFeNCs without PEI (b), MFeNCs with PEI (c), MMGNCs (d)

Figure S2 HE staining of the hearts from the mice with different treatments, no heart cytotoxicity was observed. Scale bar = 50 μm . (The capital letter marks correspondent to Figure 5)

2.2 Figures

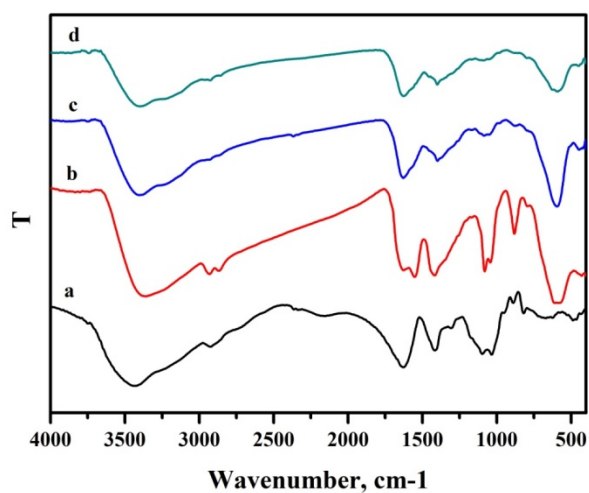


Figure S1 FT-IR spectrum of sodium alginate (a), MFeNCs without PEI (b), MFeNCs with PEI (c), MMGNCs (d)

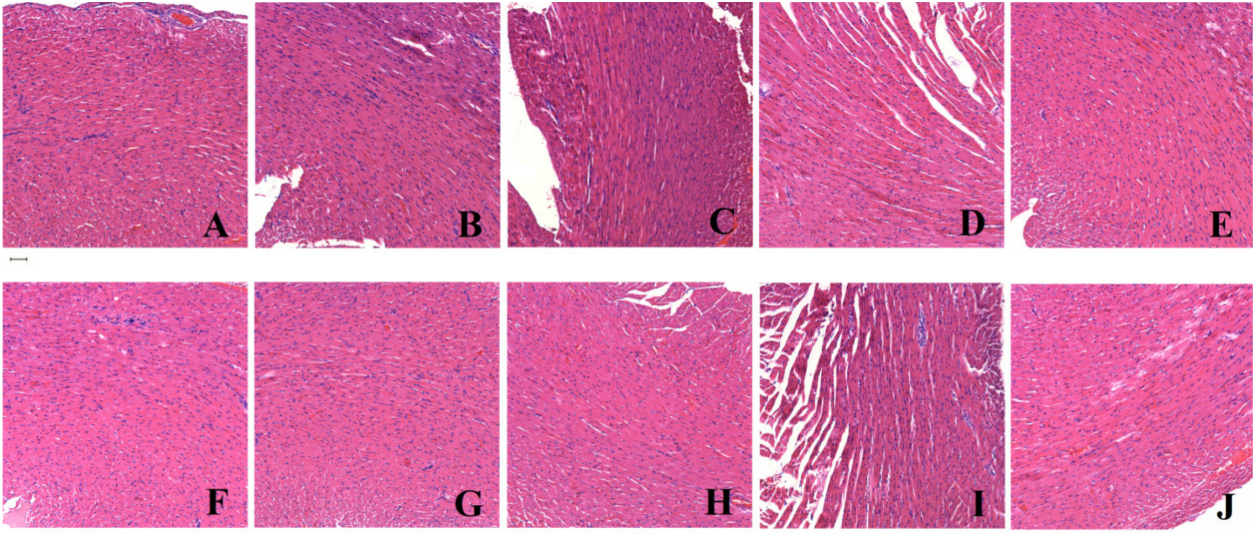


Figure S2 HE staining of the hearts from the mice with different treatments, no heart cytotoxicity was observed. Scale bar = 50 μ m. (The capital letter marks corresponding to Figure 5)