Supporting information

Synthesis of Janus Au nanorods/Polydivinylbenzene hybrid nanoparticles for chemo-photothermal therapy

Yanming Wang, *a[†] Xin Ji, ^{a†} Peng Pang, ^d Yunfeng Shi, ^a Jian Dai, ^a Jiake Xu, ^e Jianping Wu, ^f Thomas Brett Kirk^f and Wei Xue*^{abc}

- ^a Key Laboratory of Biomaterials of Guangdong Higher Education Institutes, Department of Biomedical Engineering, Jinan University, Guangzhou 510632, Guangdong, China
- ^b The First Affiliated Hospital of Jinan University, Guangzhou 510632, Guangdong, China
- ^c Institute of Life and Health Engineering, Jinan University, Guangzhou 510632, Guangdong, China
- ^d College of Traditional Chinese Medicine, Jinan University, Guangzhou 510632, Guangdong, China
- ^e The School of Pathology and Laboratory Medicine, University of Western Australia, Perth, Australia
- ^f 3D Imaging and Bioengineering Laboratory, Department of Mechanical Engineering, Curtin University, Perth, Australia
- ⁺ These authors contributed equally to this work.



Figure S1: Duplicable experiments of FITC-Annexin V/PI double staining for evaluating B16F10 cells apoptosis induced by four different treats. (a) is control group, (b) is Au/PDVB-curcumin treated group, (c) and (d) are Au/PDVB and Au/PDVB-curcumin under NIR respectively.

	а	b	C	d
Early apoptosis	1.09%	7.08%	9.85%	6.28%
Late apoptosis	0.4%	13.12%	21.63%	39.36%

Table S1: The	e data in	Figure S1	of image A.
---------------	-----------	-----------	-------------

Table S2: The data in Figure S1 of image B.

	а	b	С	d
Early apoptosis	1.13%	6.98%	14.58%	6.02%
Late apoptosis	0.1%	6.86%	20.71%	46.17%