



Supporting Information

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Photosensitizer Micelles Together with IDO Inhibitor Enhance
Cancer Photothermal Therapy and Immunotherapy

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Yanpeng Jia, Ying Qu, and Zhiyong Qian**

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Dr. Jinrong Peng, Yao Xiao, Yanpeng Jia, Dr. Ying Qu, Prof. Zhiyong Qian
Stake Key Laboratory of Biotherapy/Collaborative Innovation Center of Biotherapy, West
China Hospital, Sichuan University, Chengdu, Sichuan, PR China
E-mail: anderson-qian@163.com

Dr. Qian Yang

School of Pharmacy, Chengdu Medical College, No. 783, Xindu Avenue, Xindu District,
Chengdu, 610500, Sichuan, P. R. China

Dr. Wenting Li and Dr. Liwei Tan

Department of Pharmacy, West China Second University Hospital, No. 20, People's Southern
Road, Chengdu, 610041

Keywords: nanoparticle, ineffective photothermal therapy, IDO inhibitor, immunotherapy,
combinational therapy

Figure S1

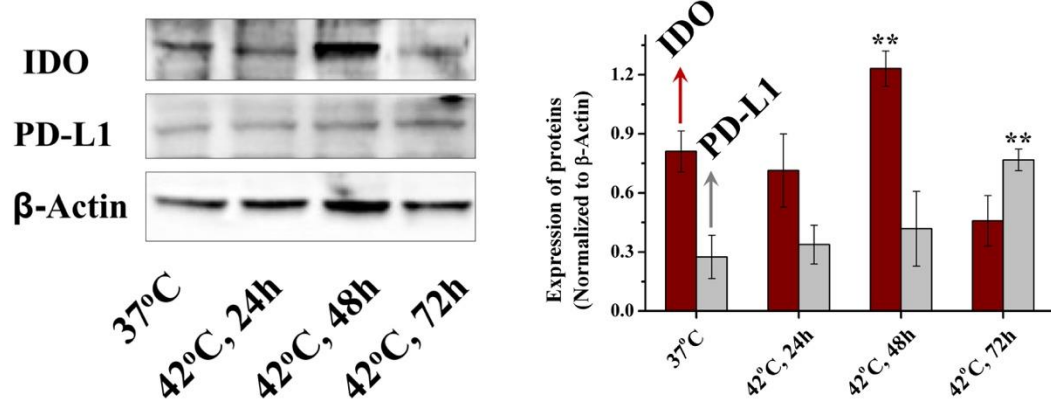


Figure S1 the duration time of up-regulated proteins (IDO, PD-L1) after heat treatment.

Figure S2

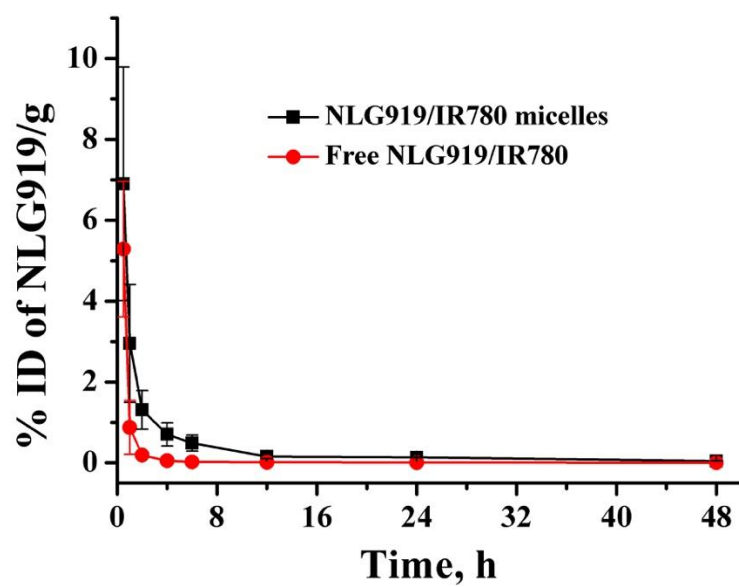
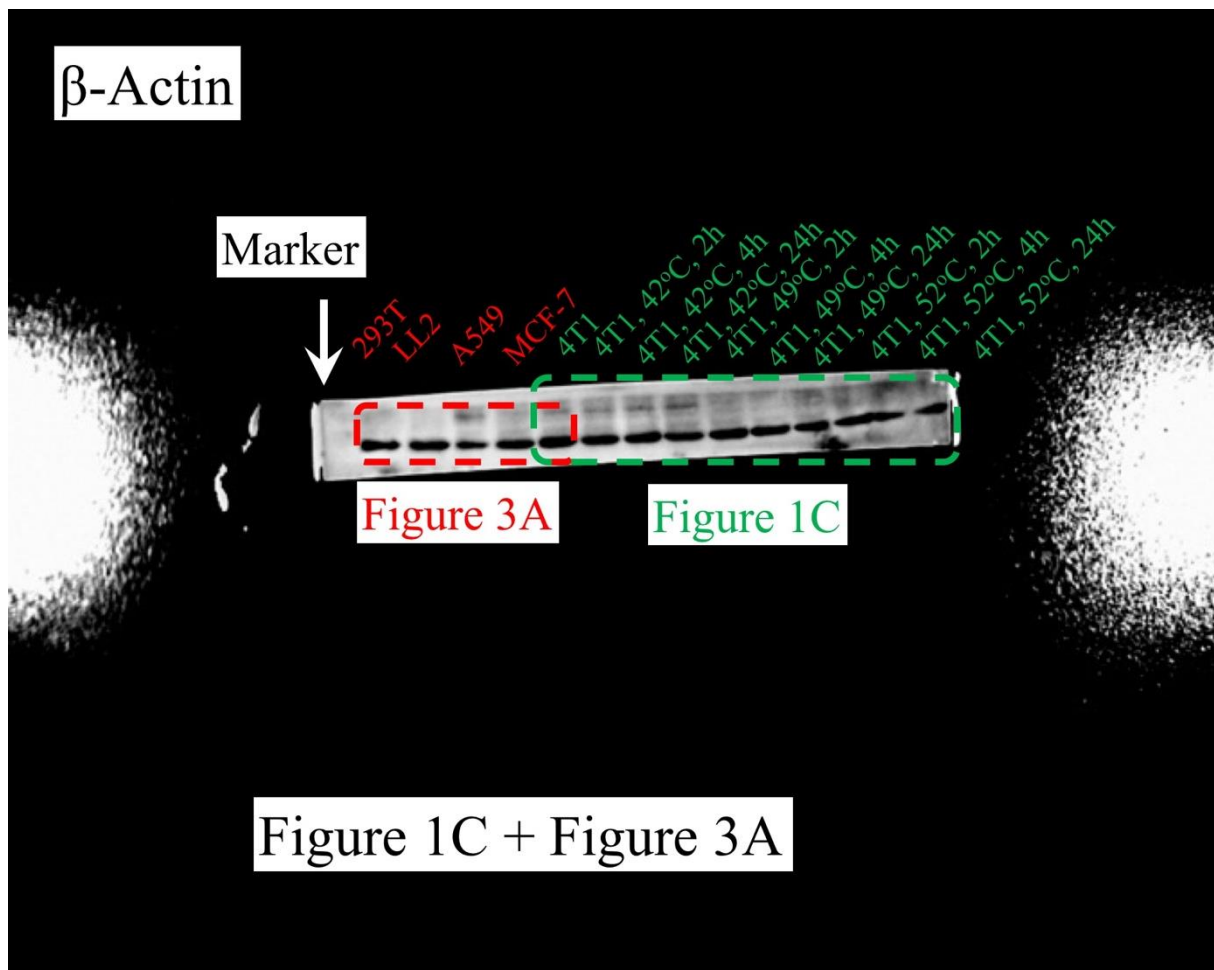


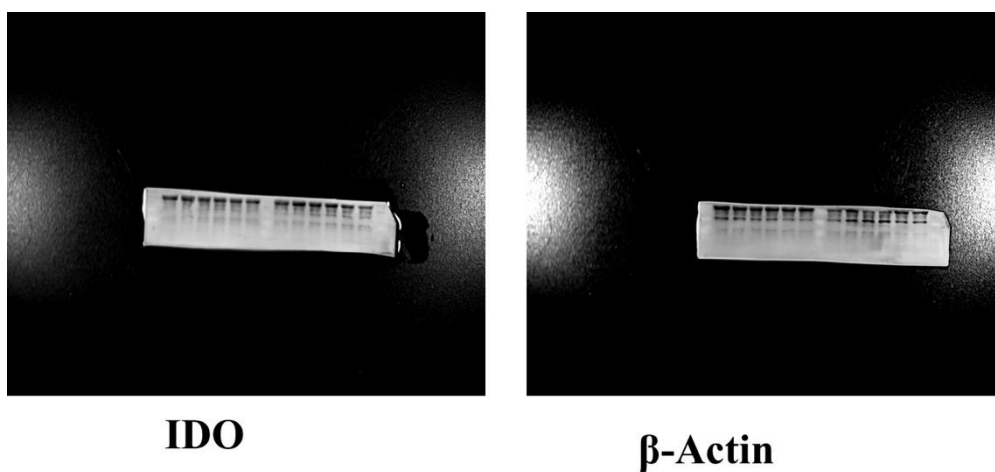
Figure S2 the pharmacokinetic profiles of NLG919/IR780 micelles and free form NLG919/IR780, respectively.

Raw data of western blotting

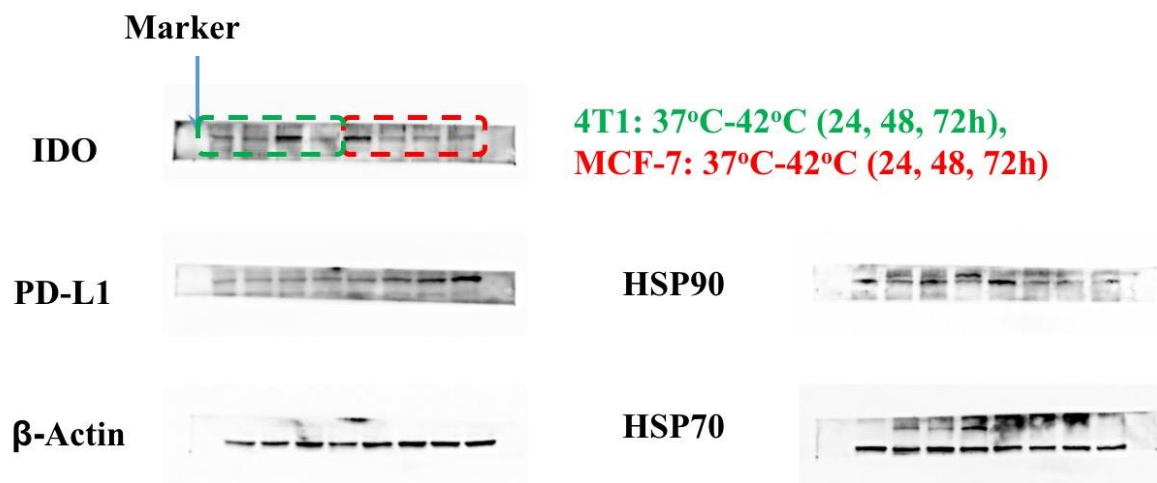


Supplementary Figure 1. The raw data of Figure 1C and Figure 3A, evaluated by western blotting. In here, the image of actin was listed and marked. The other images were uploaded as separated images. In order to obtain desired imaging quality, we have cutted the gels of the target proteins from the whole gels for imaging. The expression levels of each protein were normalized to β -actin, and listed in figure 3B, and Figure 1D and 1E, respectively.

Raw data of western blotting



Supplementary Figure 2. The expressions of IDO, Actin of 4T1 cells, after co-culturing with different concentrations of NLG919 micelles, respectively, evaluated by western blotting. (Figure 3E)



Supplementary Figure 3. The raw data of Figure S 1. the duration time of up-regulated proteins (IDO, PD-L1) after heat treatment.