

Supporting information

A Dual-Responsive Polyurethane Nanocarrier for Drug Release Triggered by Intracellular GSH and NQO1 Enzyme

Shuai Yang^a, Jinhai Xie^a, Dongdong Wang^a, Shuangyu Tian^a, Yaodong Di^a and
Lesan Yan^{a, b*}

^a State Key Laboratory of Advanced Technology for Materials Synthesis and Processing, Biomedical Materials and Engineering Research Center of Hubei Province, Wuhan University of Technology, Wuhan 430070, China.

E-mail: lsyan@whut.edu.cn

^b Wuhan University of Technology Advanced Engineering Technology Research Institute of Zhongshan City, Zhongshan 528400, China

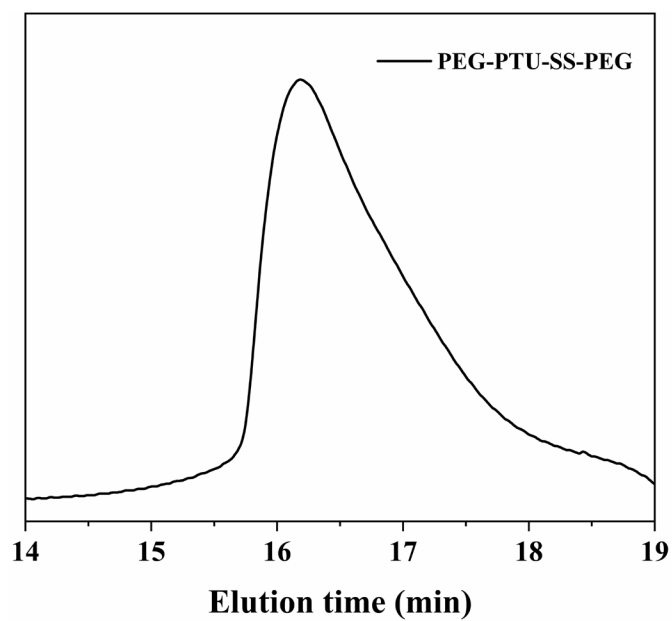


Figure S1. GPC curves of polymer PEG-PTU-SS-PEG.

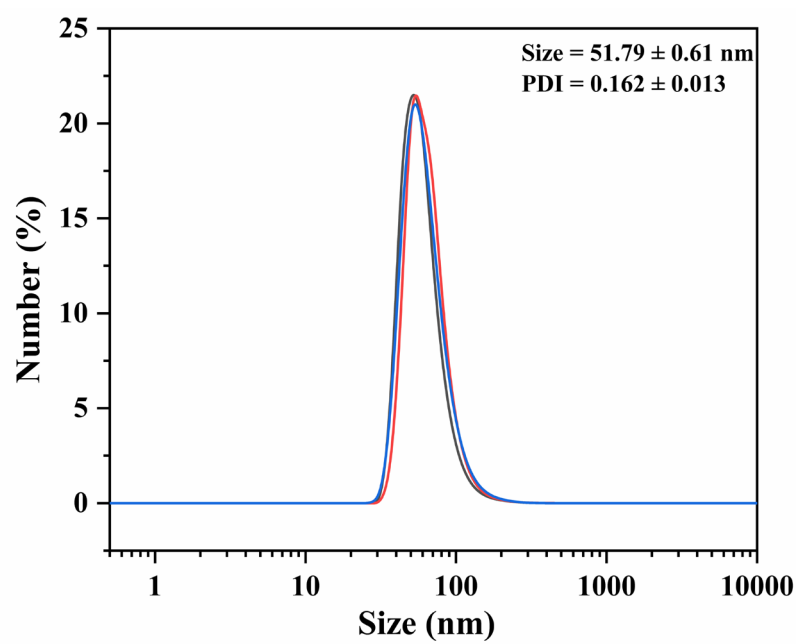


Figure S2. Statistical data for DLS of PEG-PTU-SS-PEG blank micelle (n = 3).

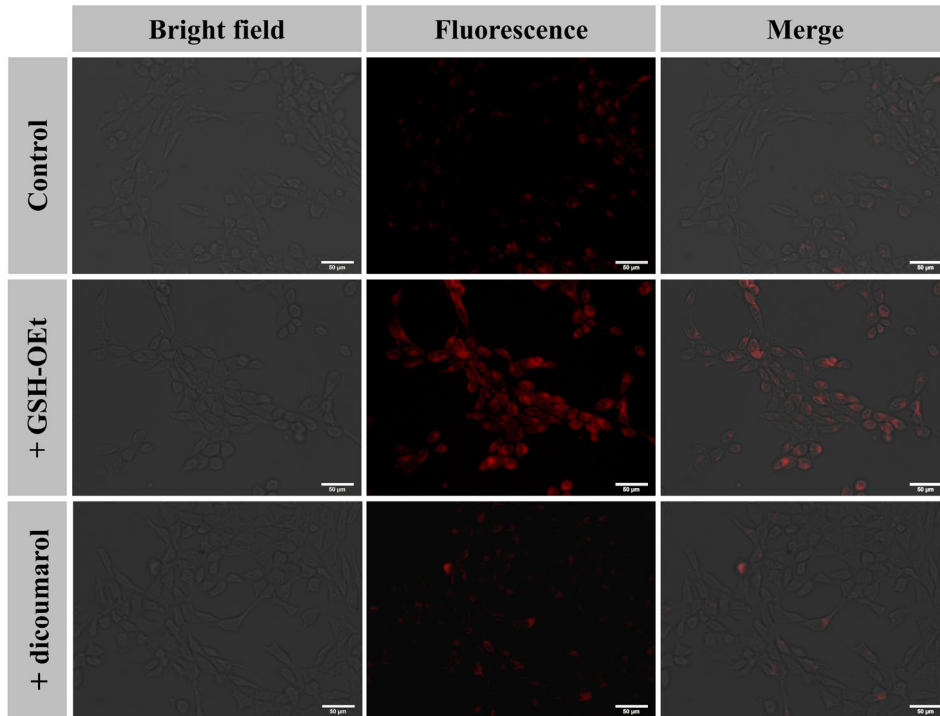


Figure S3. Fluorescence images of DOX-loaded micelles endocytosed by NIH-3T3 cells.

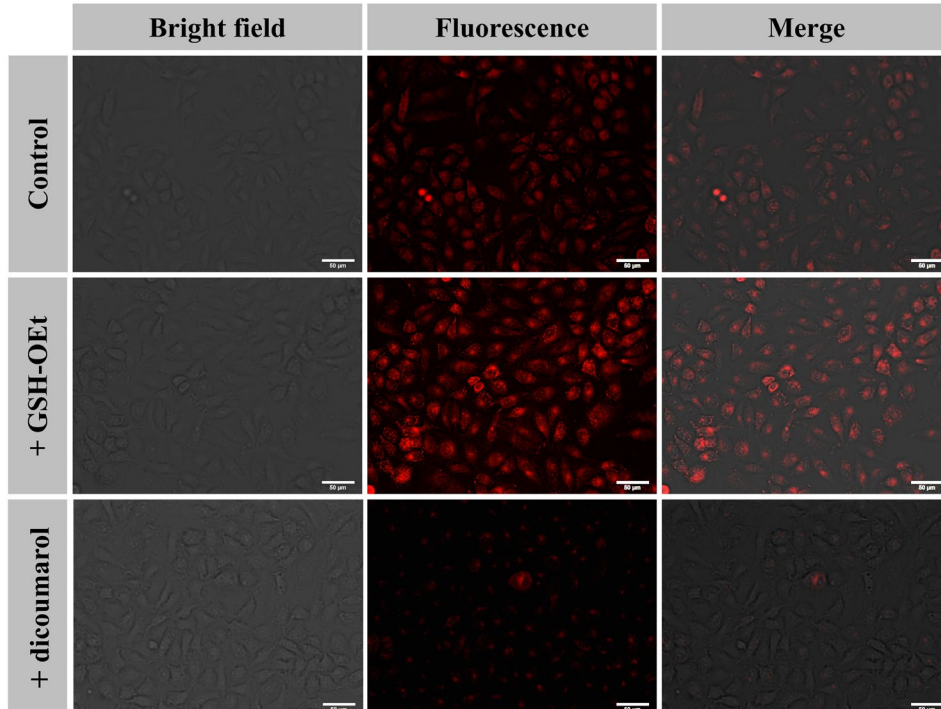


Figure S4. Fluorescence images of DOX-loaded micelles endocytosed by A549 cells.

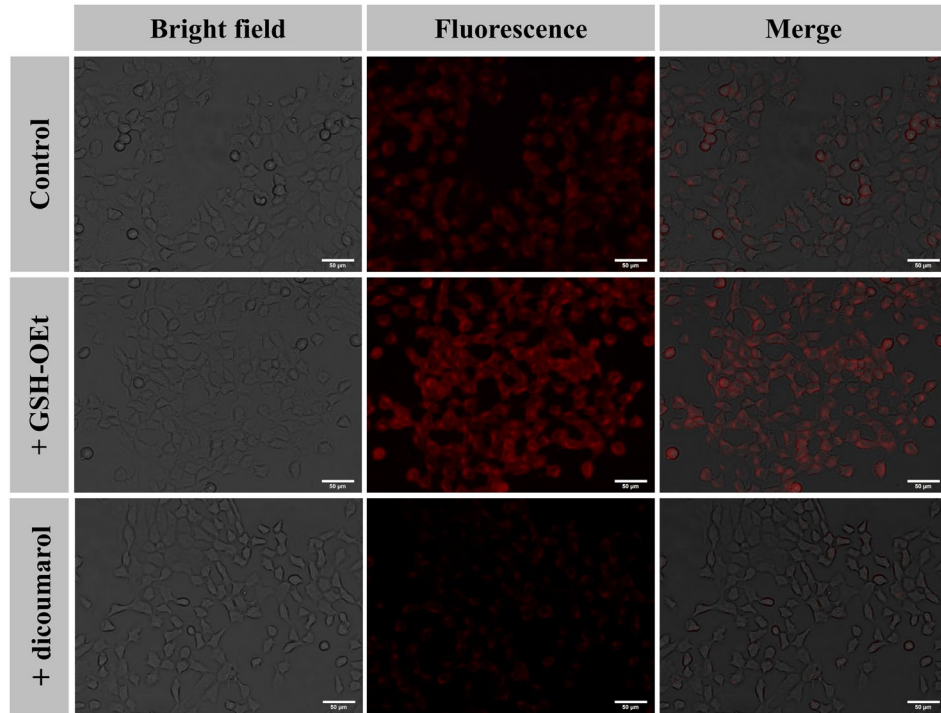


Figure S5. Fluorescence images of DOX-loaded micelles endocytosed by 4T1 cells.

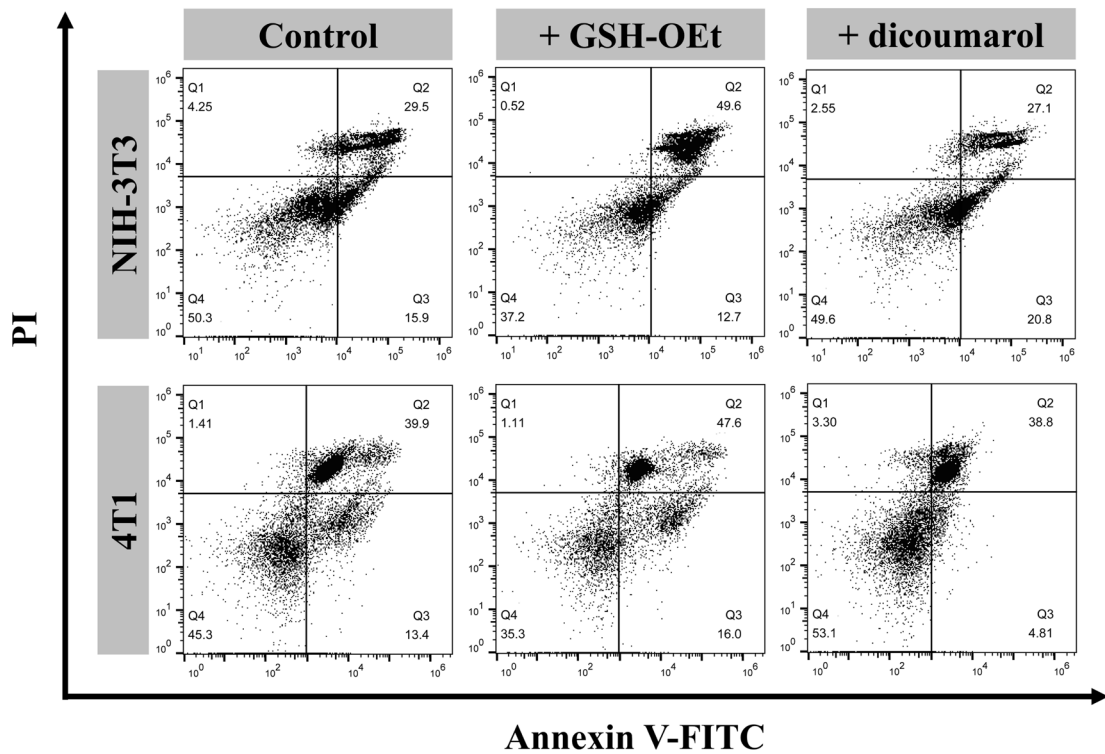


Figure S6. Flow cytometry analysis of apoptosis in NIH-3T3 cells and 4T1 cells under different conditions.