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Designing a lysosome targeting nanomedicine for pH triggered enhanced phototheranostics

Dengfeng Zou[a]†, Aolin Zhang[b]†, Zhiqiang Chen[a], Jianjiao Chen[a], Jun Deng[c]*, Gang Li[d], Shunlin Zhang[d], Zhe Feng[d], Jingfei Feng[a], Jie Yang[bd]*

a. *School of Pharmacy, Guilin Medical University, Guilin, 541004, Guangxi, P.R. China.*

b. *Jiangsu Laboratory of Advanced Materials, Department of Materials Engineering, Changshu Institute of Technology, Changshu, 215500, Jiangsu, P.R. China. E-mail: jieyang@cslg.edu.cn*

c. *Department of thoracic surgery, Kunshan Hospital Affiliated to Jiangsu University, Kunshan, 215300, P.R. China. Email: zhaojia20200327@126.com*

d. *College of Chemical Engineering, State Key Laboratory of Materials Oriented Chemical Engineering, Nanjing Tech University, Nanjing, 210000, Jiangsu, P.R. China.*

†: These authors contribute equally

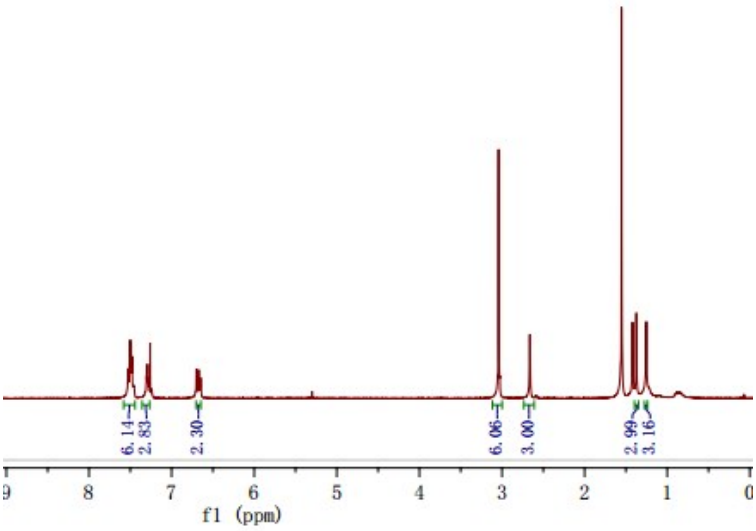

Figure S1 ^{1}HNMR spectrum of **BDPIN** in $CDCl_3$ at room temperature.

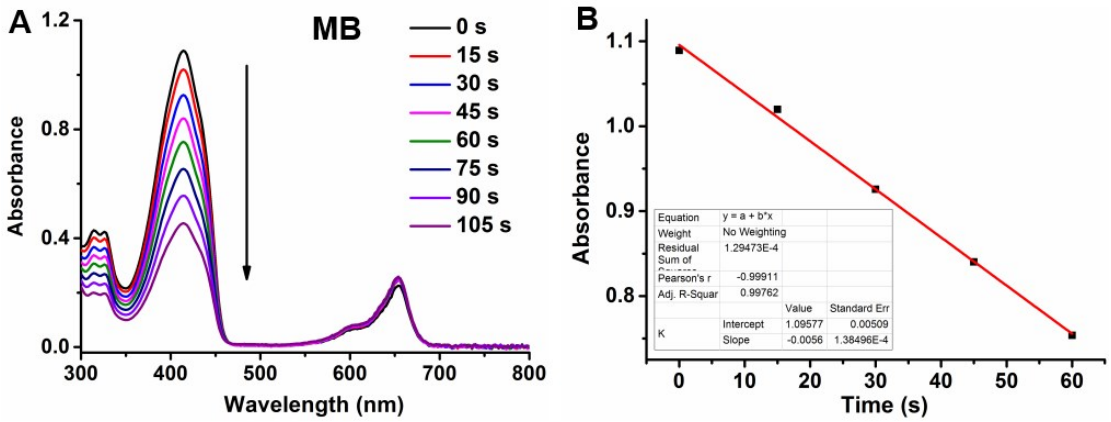

Figure S2 (a) Degradation of DPBF in the presence of MB with irradiation; (b) Linear fitting of the degradation of the absorbance.

Figure S3 Picture of **BDPIN** NPs before and after irradiation.

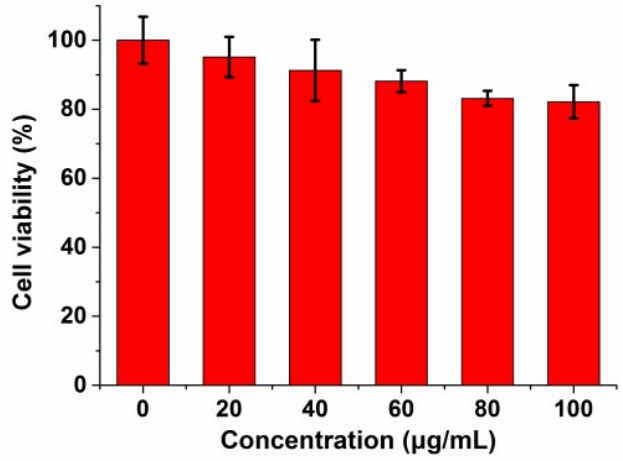

Figure S4 Cell viability of HeLa cells incubated with **BDPIN** NPs under high concentrations without laser irradiation.

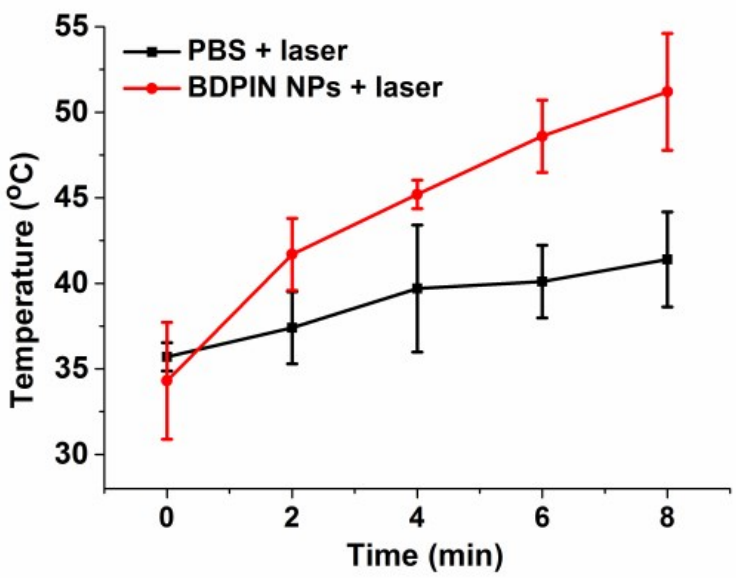

Figure S5 Tumor temperature change of PBS and **BDPIN** NPs groups with laser irradiation.