

Supporting Information

A Water-Soluble Galactose-Decorated Cationic Photodynamic Therapy Agent Based on BODIPY to Selectively Eliminate Biofilm

Xiaomei Dai, Xuelei Chen, Yu Zhao, Yunjian Yu, Xiaosong Wei, Xinge Zhang,*

Chaoxing Li

^aKey Laboratory of Functional Polymer Materials of Ministry of Education, Institute of Polymer Chemistry, College of Chemistry, Nankai University, Tianjin 300071, China

* Corresponding author:

The Key Laboratory of Functional Polymer Materials, Ministry of Education, Institute of Polymer Chemistry, Nankai University, Weijin Road 94, Tianjin 300071, China

E-mail: zhangxinge@nankai.edu.cn

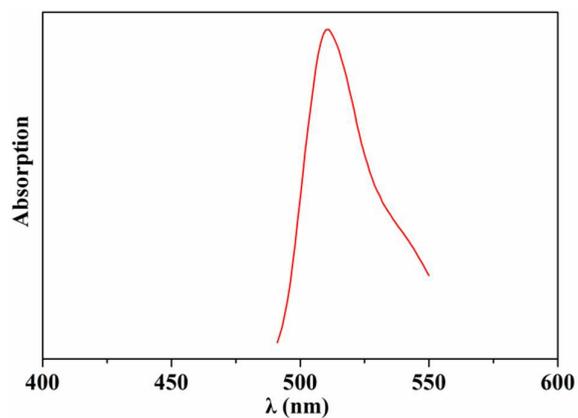


Figure S1. Fluorescence emission spectra of P(ATA-C4)-r-GAL.

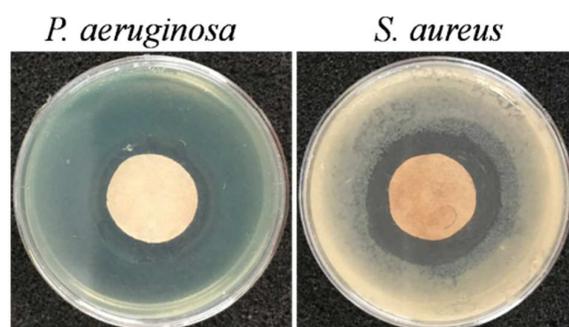


Figure S2. The zone of inhibition of *P. aeruginosa* and *S. aureus* treated with P(ATA-C4)-r-GAL-12.

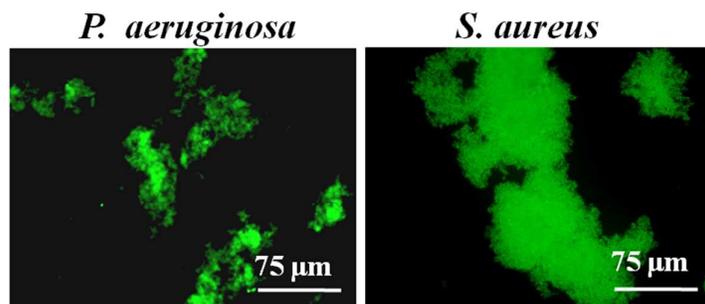


Figure S3. Fluorescence micrographs of bacteria after treatment of P(ATA-C4)-r-GAL.

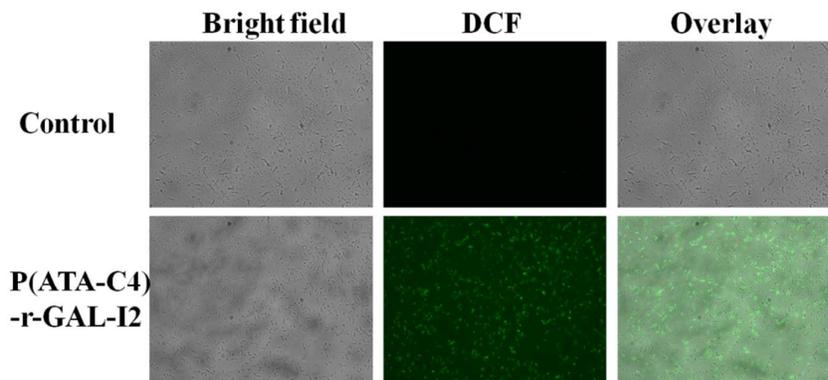


Figure S4. The levels of the ROS generation based on fluorescence images before and after being treated with P(ATA-C4)-r-GAL-I2.

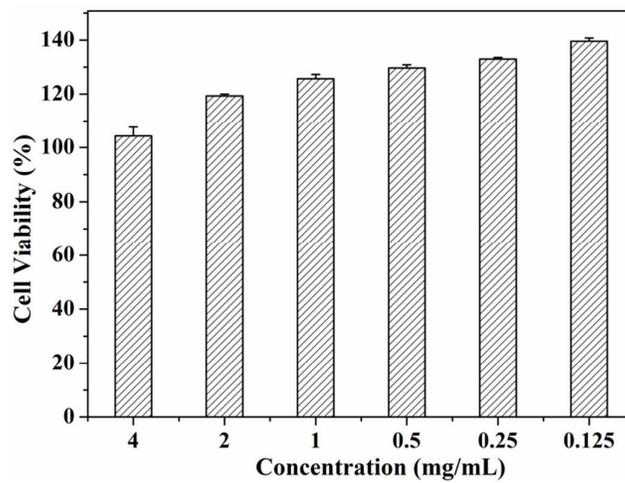


Figure S5. Cell viability percentage after being treated with different dosages of P(ATA-C4)-r-GAL-I2.