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Simultaneous inhibition of planktonic and biofilm bacteria by self-adapting semiconducting polymer dots

Xiaomei Dai*, Jifang Ma, Qiang Zhang, Qingqing Xu, Lele Yang, Feng Gao*

Laboratory of Functionalized Molecular Solids, Ministry of Education, Anhui Key Laboratory of Chemo/Biosensing, Laboratory of Biosensing and Bioimaging (LOBAB), College of Chemistry and Materials Science, Anhui Normal University, Wuhu 241002, P. R. China.

Email: daixiaomei@mail.ahnu.edu.cn

Email: fgao@mail.ahnu.edu.cn

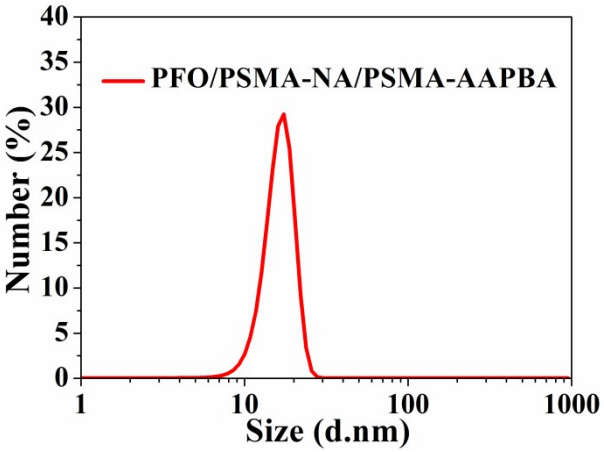

Fig. S1 Hydrodynamic diameter of PFO/PSMA-NA/PSMA-AAPBA measured by DLS.

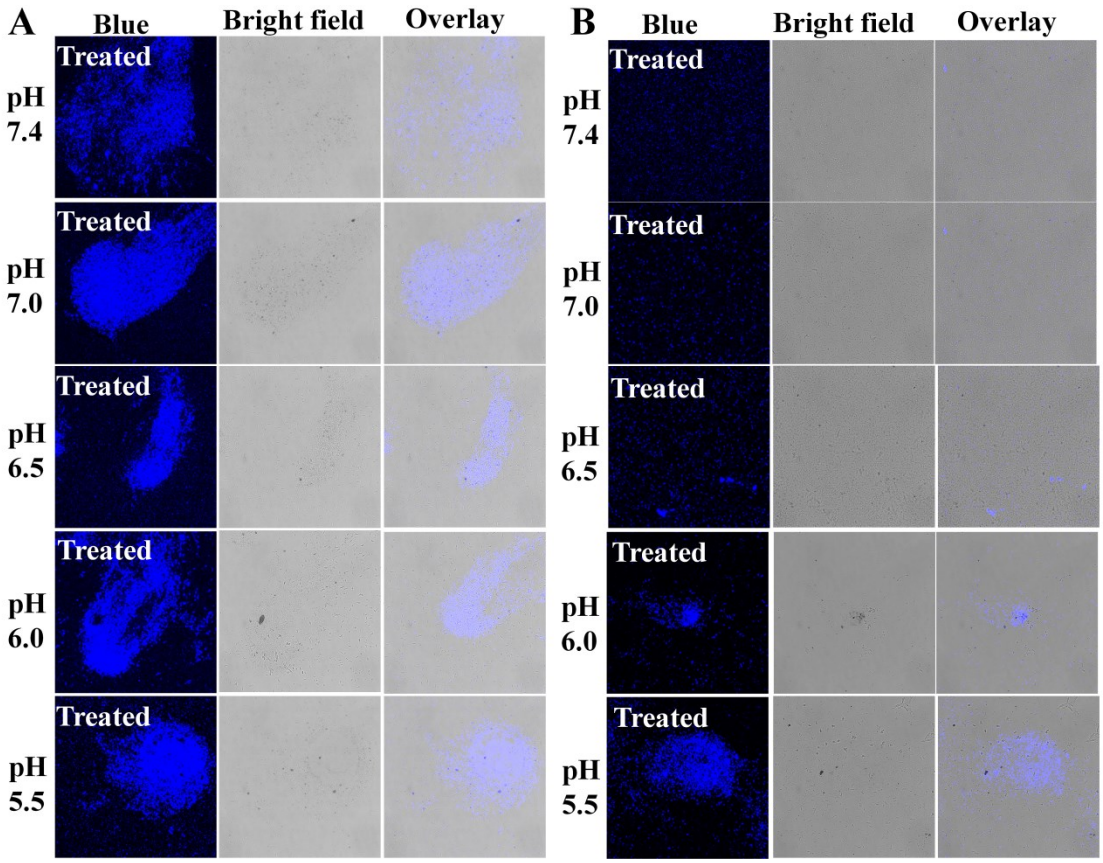

Fig. S2 Adhesion activity to *P. aeruginosa* observed through CLSM when treated with PFO/PMSA-NA/PMSA-AAPBA (A) and PFO/PMSA-NA (B) for 30 min at different pH values, respectively.

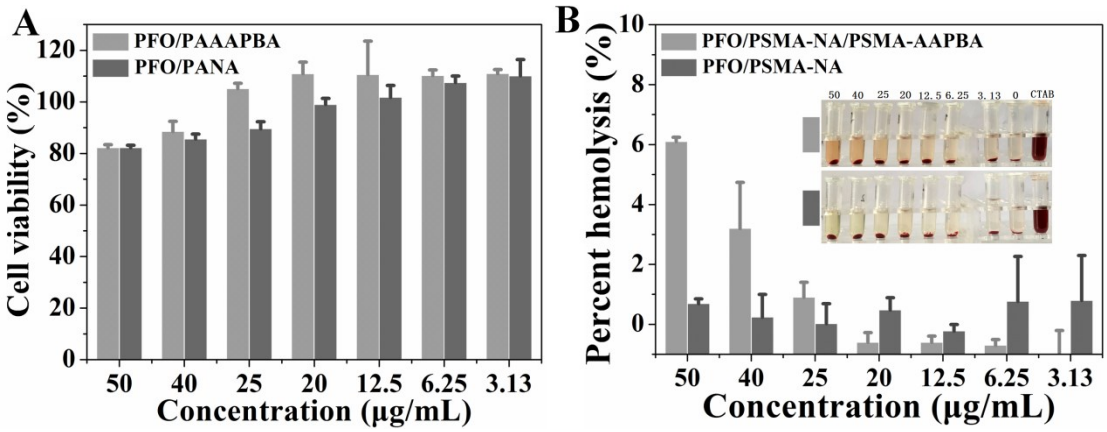

Fig. S3 Biocompatibility of Pdots: the cell viability of Hela cells after being treated with Pdots (A); hemolytic activity investigation of Pdots (B).

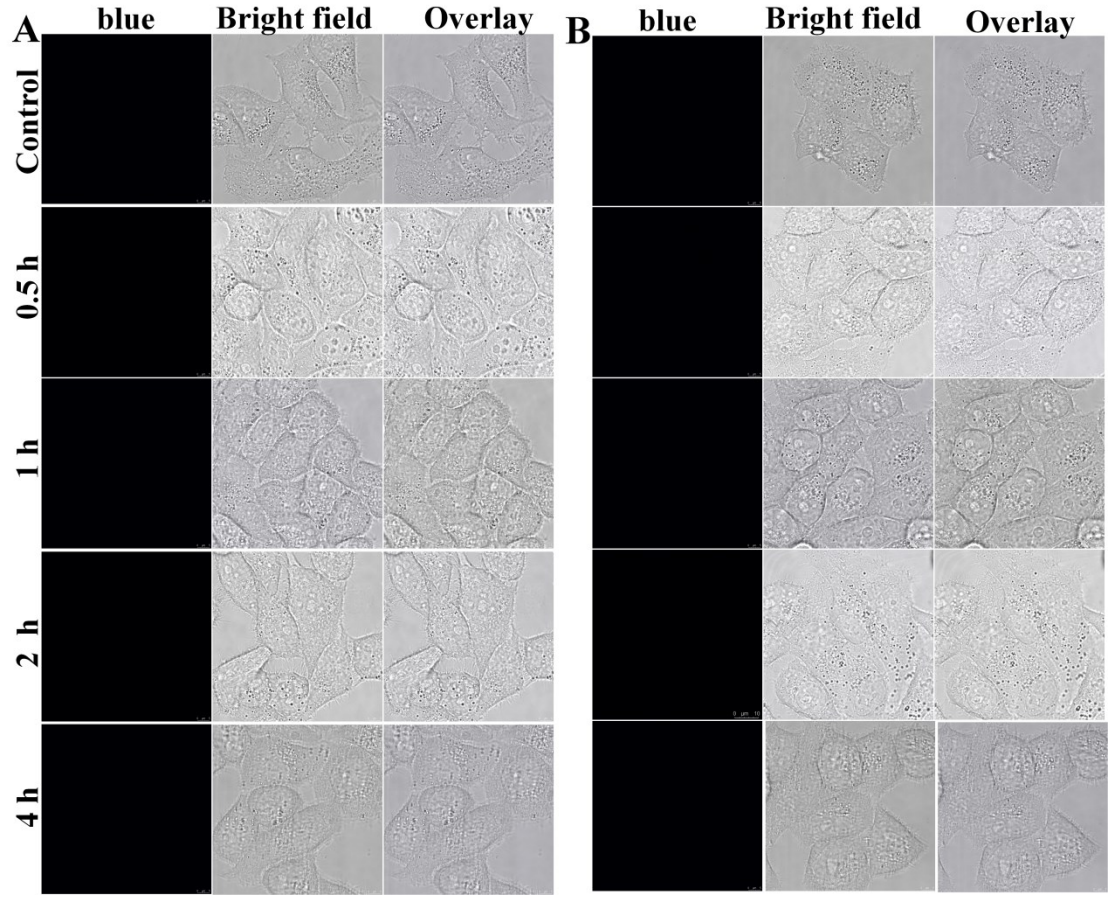

Fig. S4 The CLSM images of Hela cells after being treated with PFO/PMSA-NA/PMSA-AAPBA (A) and PFO/PMSA-NA (B) for 30 min at different co-cultured periods.

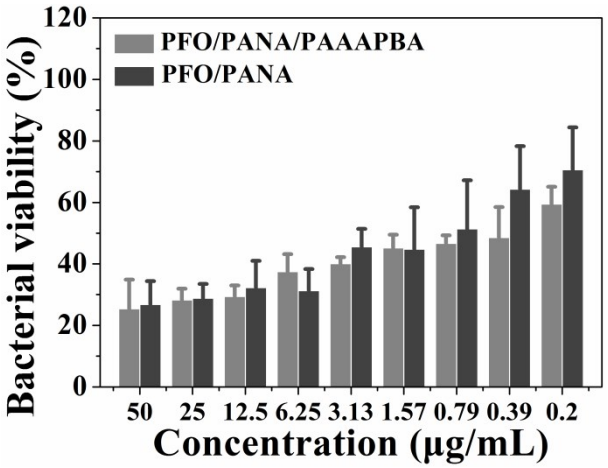

Fig. S5 Antibacterial activity of Pdots against *P. aeruginosa*.