

Supporting information

Self-polymerization of Dopamine and Polyethyleneimine: Novel Fluorescent Organic Nanoprobes for Biological Imaging Applications

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Results

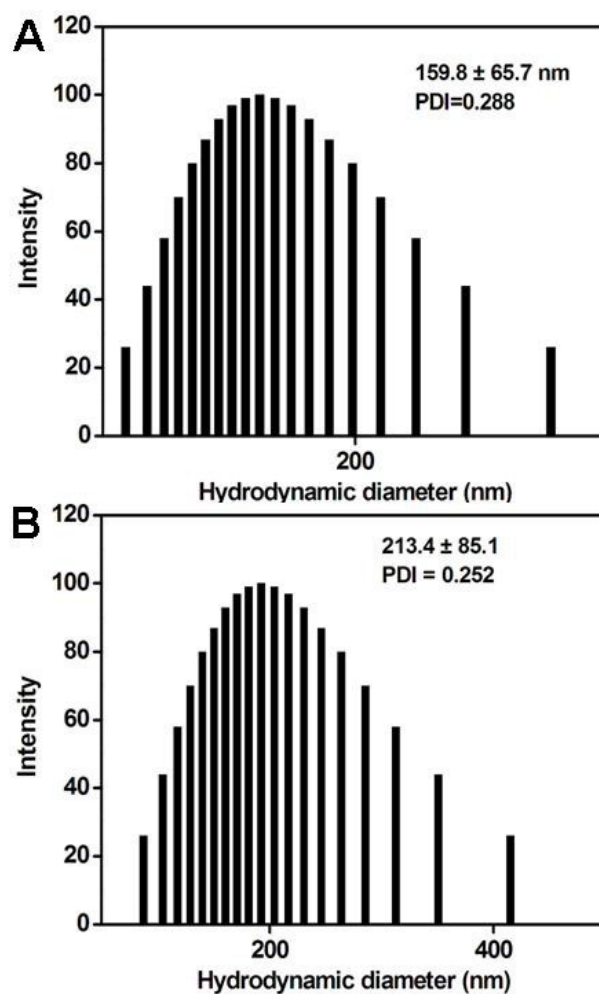


Fig. S1 Hydrodynamic size distribution of **PEI-PDA** FONs in (A) H₂O and (B) PBS.

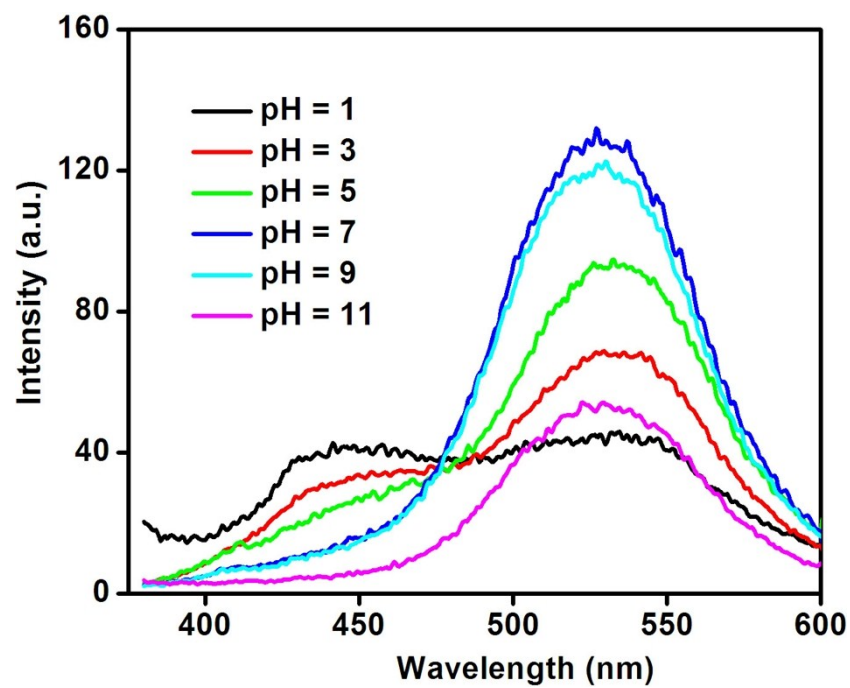


Fig. S2 Effect of pH values on the fluorescent properties of **PEI-PDA** FONs. The excitation wavelength is fixed at 360 nm.

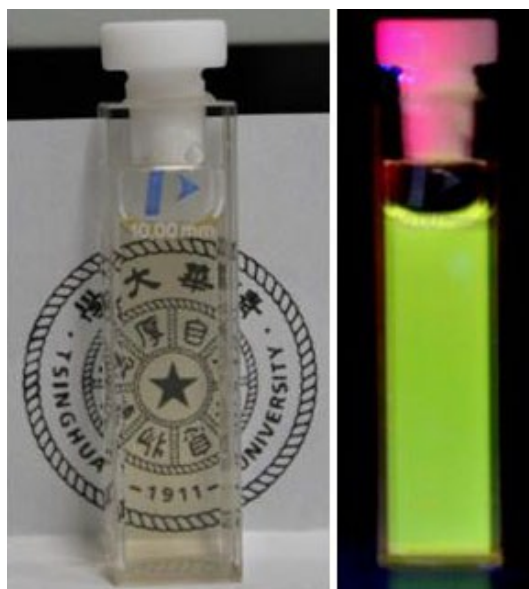


Fig. S3 Optical images of **PEI-PDA** FONs water dispersion for more than one week (left bottle). The right bottle is the optical images of **PEI-PDA** FONs in water under UV lamp ($\lambda = 365$ nm).

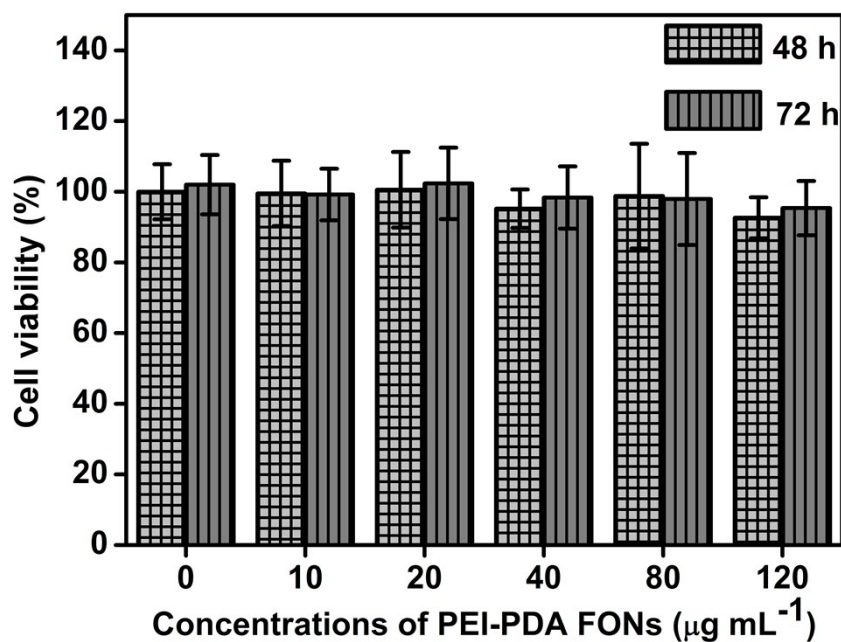


Fig. S4 Cell viability of **PEI-PDA** FONs with A549 cells (the concentrations of **PEI-PDA** FONs are ranged from 10-120 $\mu\text{g mL}^{-1}$) for 48 and 72 h.