

Supporting Information

Table S1. Characteristic properties of DOX-loaded PMs.

Polymer (mg)	DOX (mg)	LC (%)	EE (%)	Particle size (nm)	PDI	Zeta-potential (mV)
50	0	-	-	120.2	0.151	-2.7
	10	5.5	36.4	128.5	0.201	-1.8
	15	9.6	40.2	130.7	0.215	-1.5
	25	11.8	34.3	131.4	0.228	-0.4

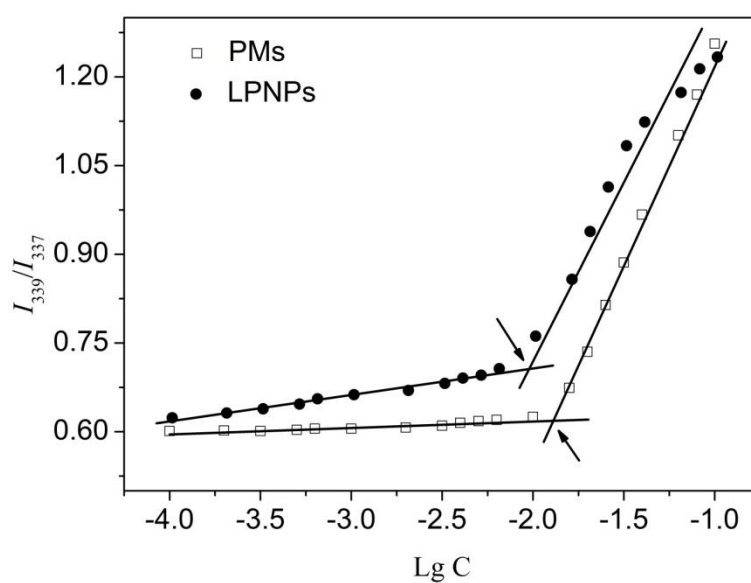


Figure S1 Plot of intensity ratios (I_{339}/I_{337}) as function of logarithm of the the PMs and LPNPs (7 % of DSPE-mPEG, mole ratio) concentration (B) in PBS buffer solution at pH 7.4.

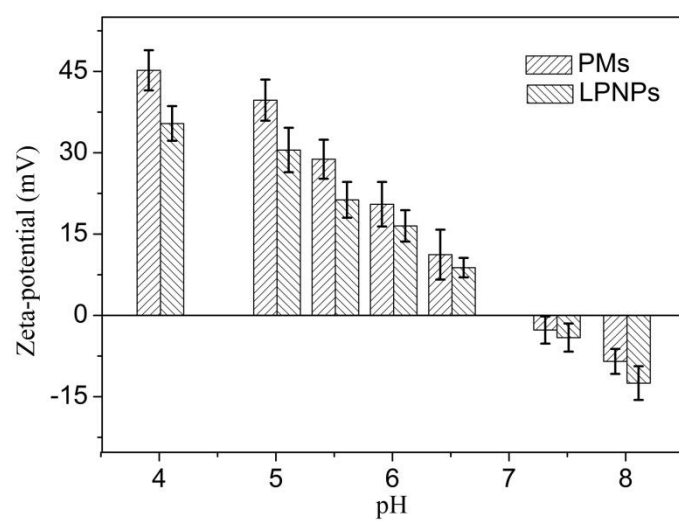


Figure S2 The zeta-potential (D) of PMs and LPNPs (7 % of DSPE-mPEG, mole ratio) at different pH values (n = 3, mean \pm SD).