Supporting Information

Water-soluble branched polymer for combined chemo-immunotherapy of bacterial infections

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Table 1 Physicochemical and MBC/MIC values of poly(MBA-AEPZ)-Agm

Sample	Mw(Da)	PDI	MBC (nmol/L)		MIC (nmol/L)		MBC/MIC	
			P. aeruginosa	*S. aureus*	*P. aeruginosa*	*S. aureus*	*P. aeruginosa*	*S. aureus*
Poly(MBA-AEPZ)-Agm1	1850	1.01	1000	1000	500	1000	2	1
Poly(MBA-AEPZ)-Agm2	3354	1.56	1000	1000	500	1000	2	1
Poly(MBA-AEPZ)-Agm3	5489	1.39	1000	1000	500	1000	2	1
Poly(MBA-AEPZ)-Agm4	8834	1.06	1000	1000	500	500	2	2

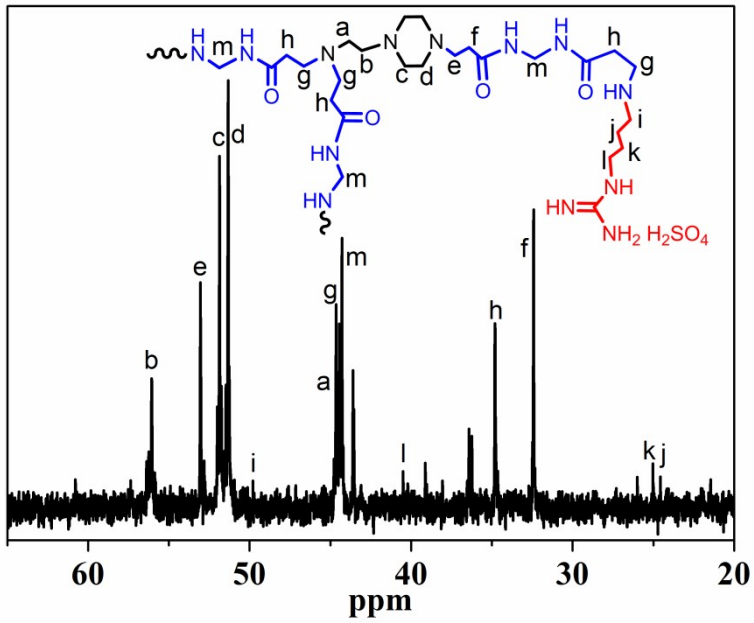

Fig. S1 ^{13}C NMR spectrum of poly(MBA-AEPZ)-Agm1.

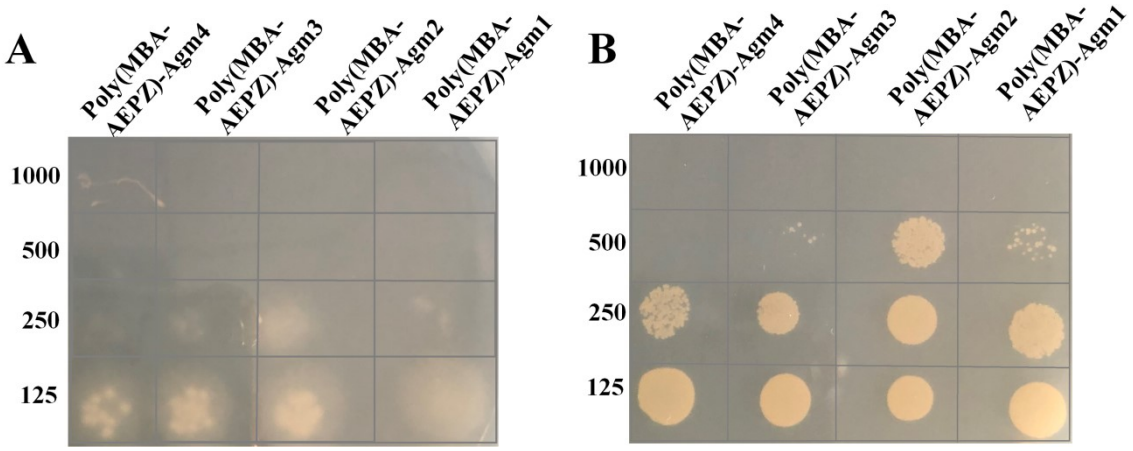

Fig. S2 Colony images of *P. aeruginosa* (A) and *S. aureus* (B) incubated with different poly(MBA-AEPZ)-Agm.

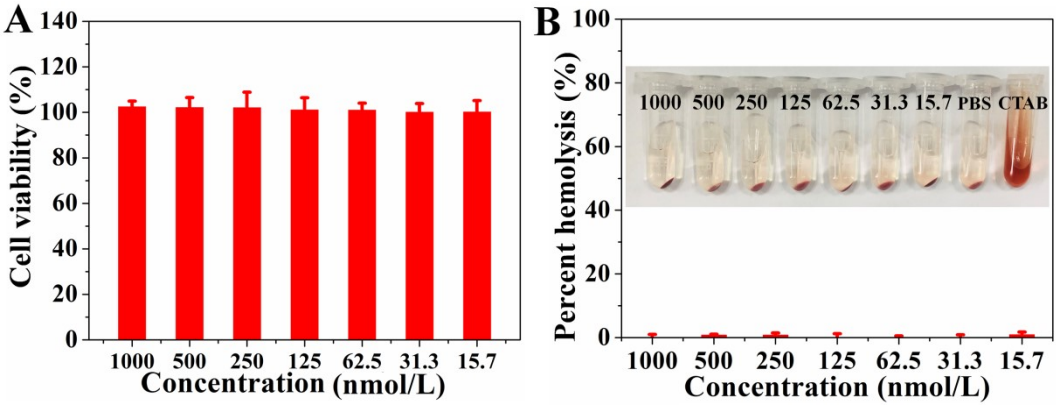

Fig. S3 The viability of RAW264.7 cells (A) and hemolytic activity of red blood cells (B) after being treated with different dosages of poly(MBA-AEPZ)-Agm1.

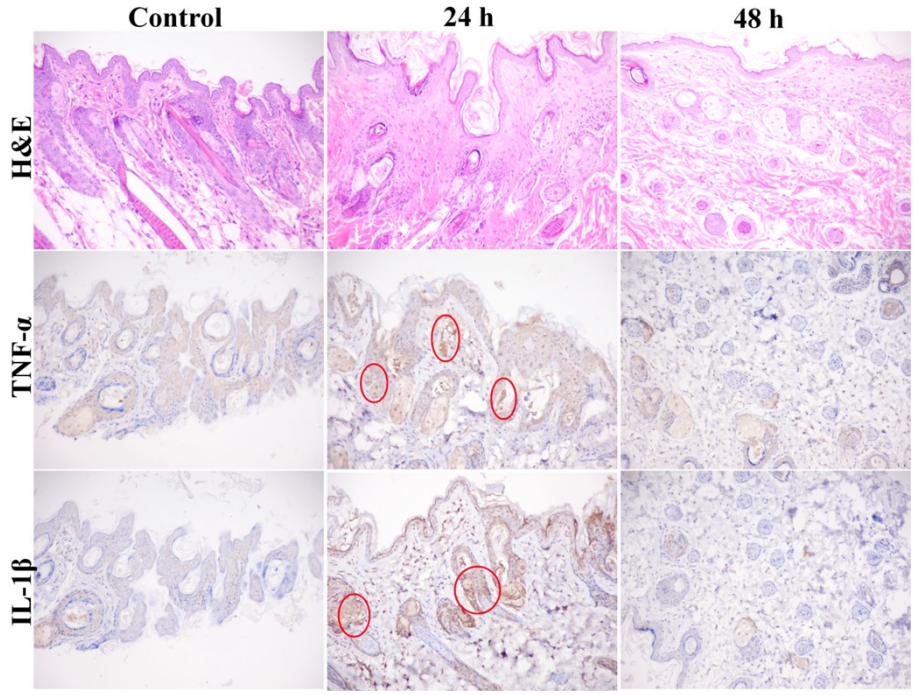

Fig. S4 The representative images of H&E (×200) and IHC (×200) before and after being injected with poly(MBA-AEPZ)-Agm1 for 24 or 48 h.