

Figure S1: Dynamic light scattering results of PLGA-PEG micelle



Figure S2: Uv-Vis spectra of A) Piperacillin/Tazibactam and B) Piperacillin/Tazibactam loaded PLGA-PEG micelle



Figure S3: Frequency of *p. aeruginosa* isolated from various tissues of the body

Figure S4: Motility inhibition test of free and polymer drug form against on *p. aeruginosa* isolates