

**Nanoliposome Protecting Antimicrobial Peptides by a membrane-fused incorporation
against the infection of wound**

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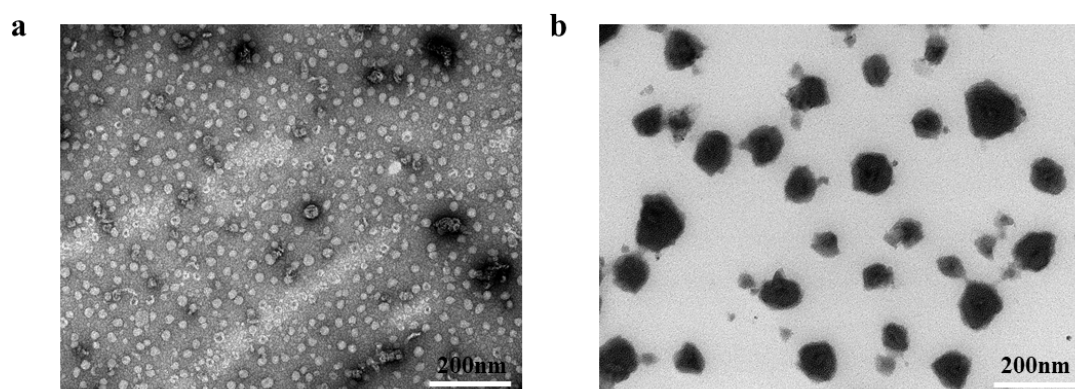


Fig. S1 (a) Transmission electron microscopy (TEM) of liposomes and (b) TEM of FALs

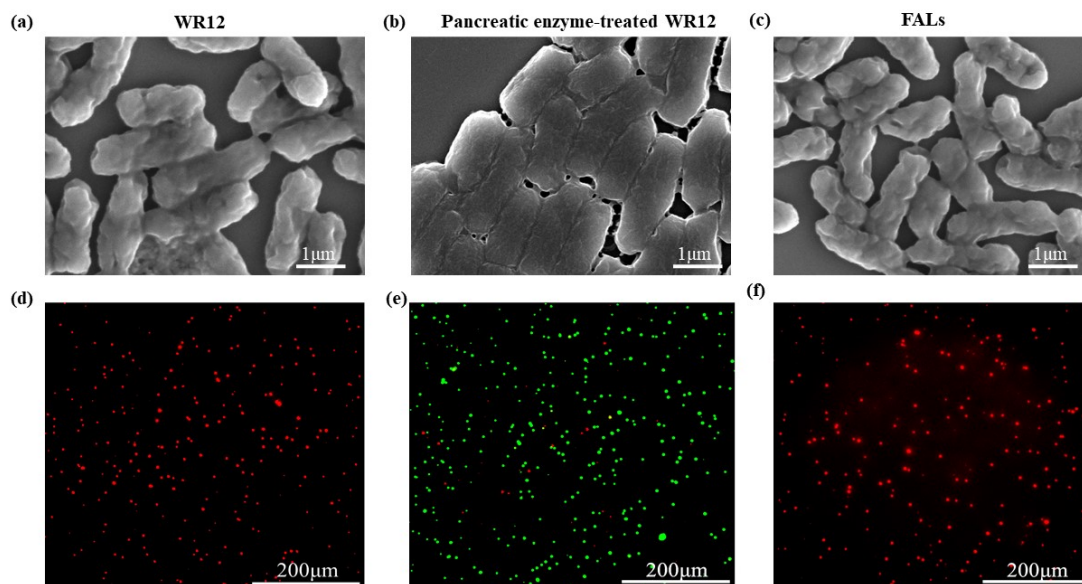


Fig. S2 (a) The colony image of the WR12 mixed with *E. coli* for 4 h. (b) The colony image of the pancreatic enzyme-treated WR12 mixed with *E. coli* for 4 h. (c) The colony image of the FALs mixed with *E. coli* for 4 h. (d) The fluorescence image of the WR12 mixed with *E. coli* for 4 h. (e) The fluorescence image of pancreatic enzyme-treated WR12 mixed with *E. coli* for 4 h. (f) The fluorescence image of the FALs mixed with *E. coli* for 4 h.

Table S1 Concentration and loading efficiency of FWR32 before and after ultrafiltration of FALs at four concentrations

	1	2	3	4
Initial concentration/ $\mu\text{g/mL}$	24	25.6	64	76.8
Final concentration/ $\mu\text{g/mL}$	14.50	15.50	42.35	44.08
Load efficiency	60.4%	60.5%	65.6%	57.0%