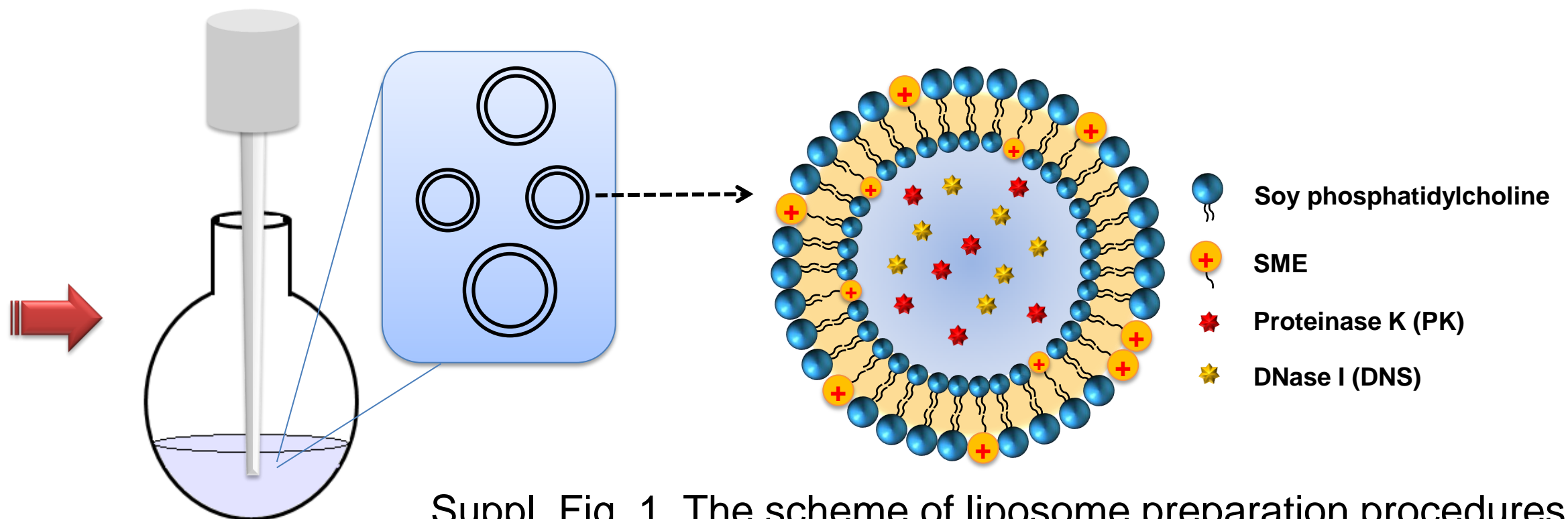
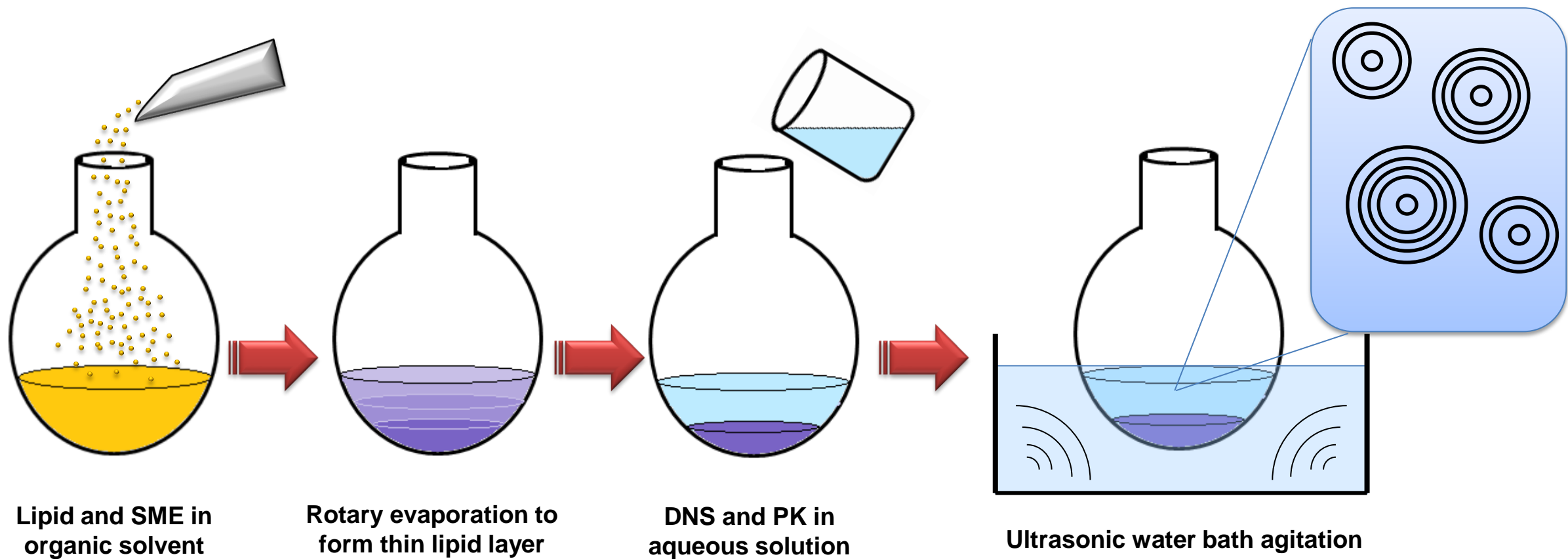


Suppl. Table 1. The minimum inhibitory concentration (MIC) and minimum bactericidal concentration (MBC) of SME and enzymes in free or liposomal form

Formulation	MIC ($\mu\text{g/ml}$)	MBC ($\mu\text{g/ml}$)
Free SME	0.73–1.47	46.88–93.75
Free DNS	>1250	>1250
Free PK	>500	>500
Free DNS/PK	>1250 (DNS)	>1250 (DNS)
LP	0.73–1.47	46.88
LP DNS	1.47	46.88
LP PK	1.47–2.93	93.75–187.50
LP DNS/PK	1.47	46.88–93.75
MH	0.11	3.9

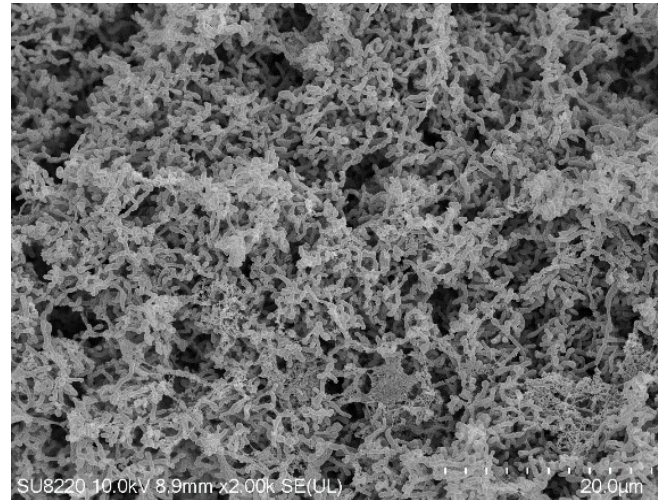
DNS, DNase I; LP, liposomes; MH, minocycline HCl; PK, proteinase K; SME, soyaethyl morpholinium ethosulfate.

All data are presented as the mean of three experiments \pm S.E.M.

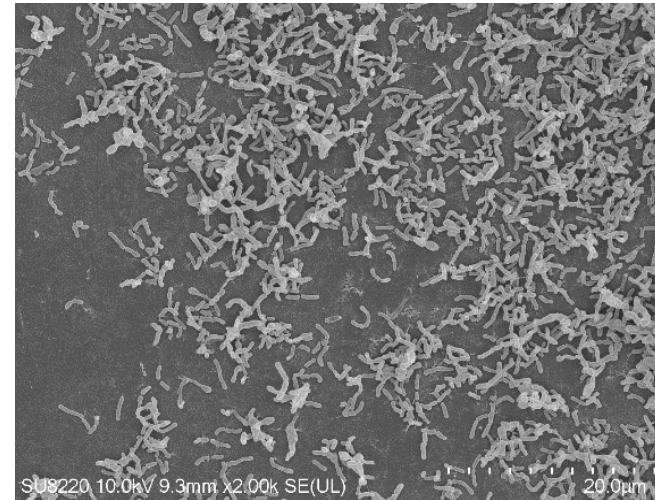


Suppl. Fig. 1. The scheme of liposome preparation procedures and the expected liposome structure

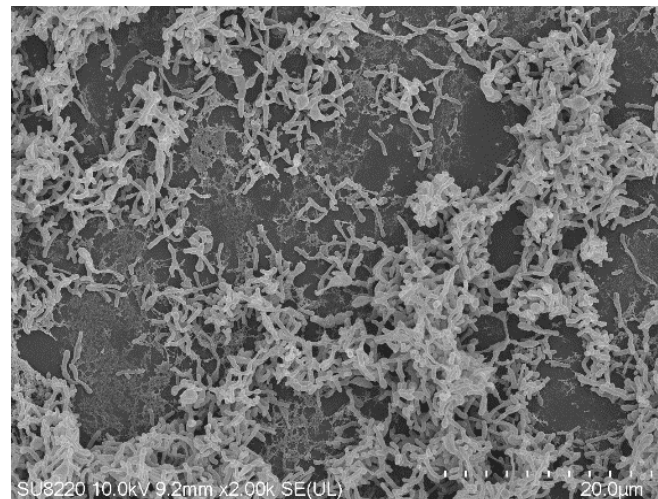
SME



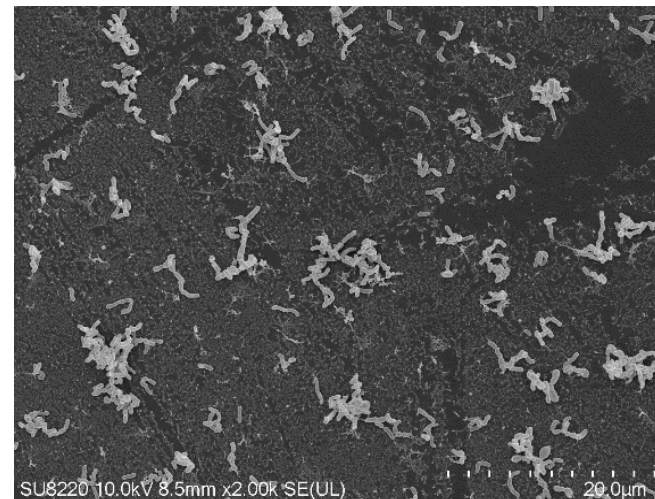
DNS



PK



DNS/PK

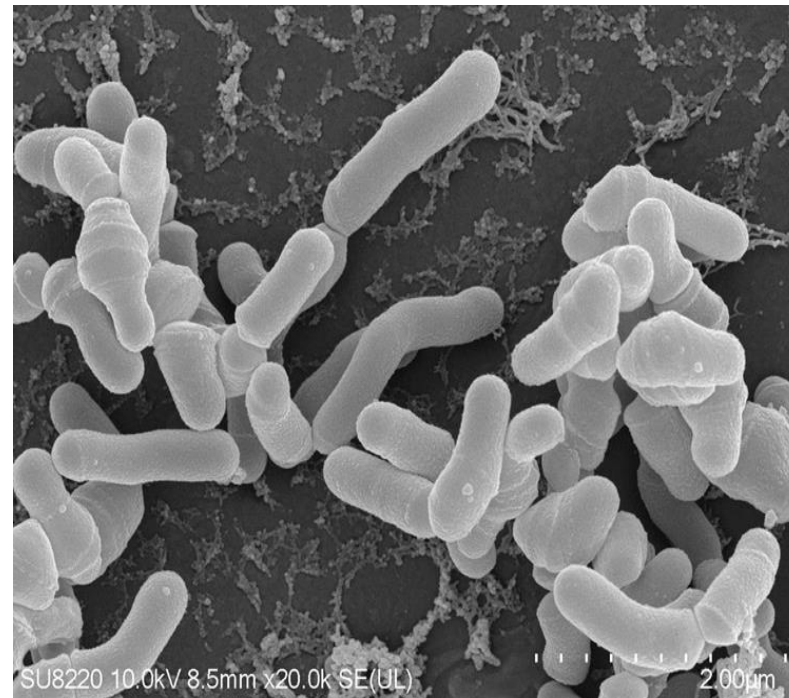


Suppl. Fig. 2. The biofilm structure observed by scanning electron microscopy after treatment with SME, DNS, and/or PK in the free form

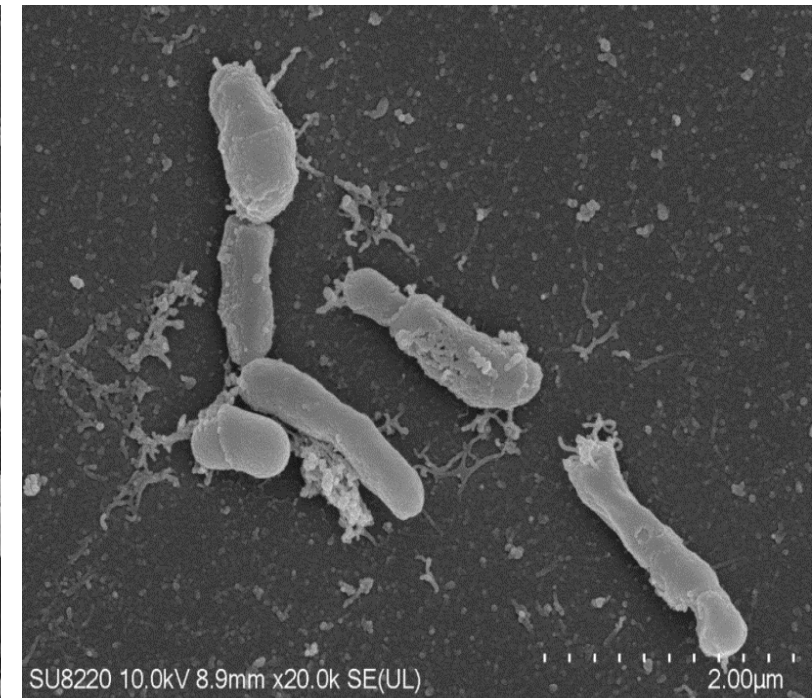
CTL



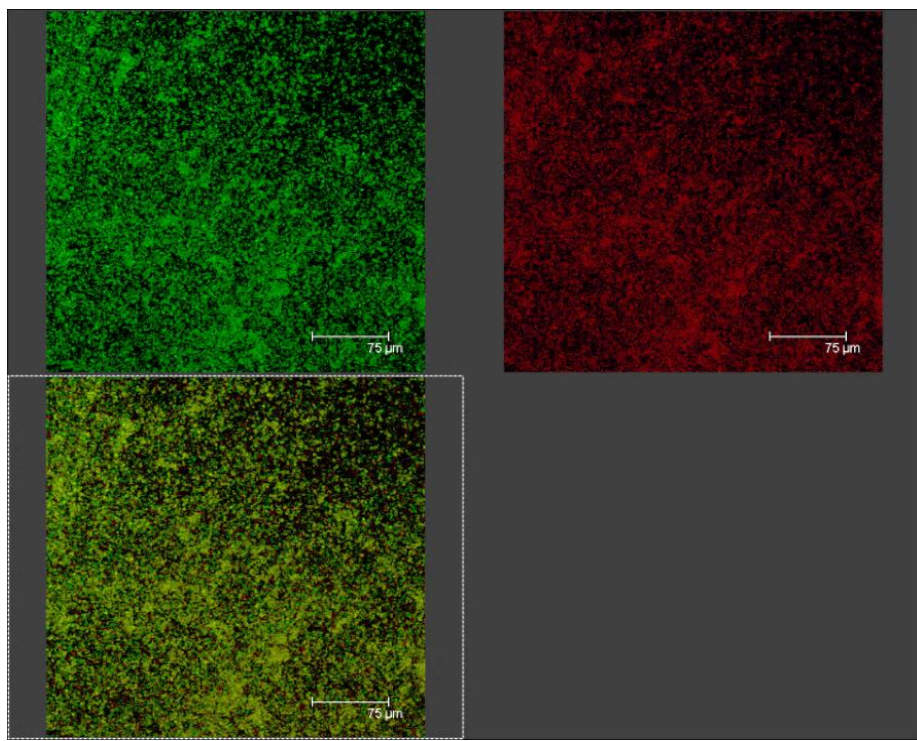
DNS/PK



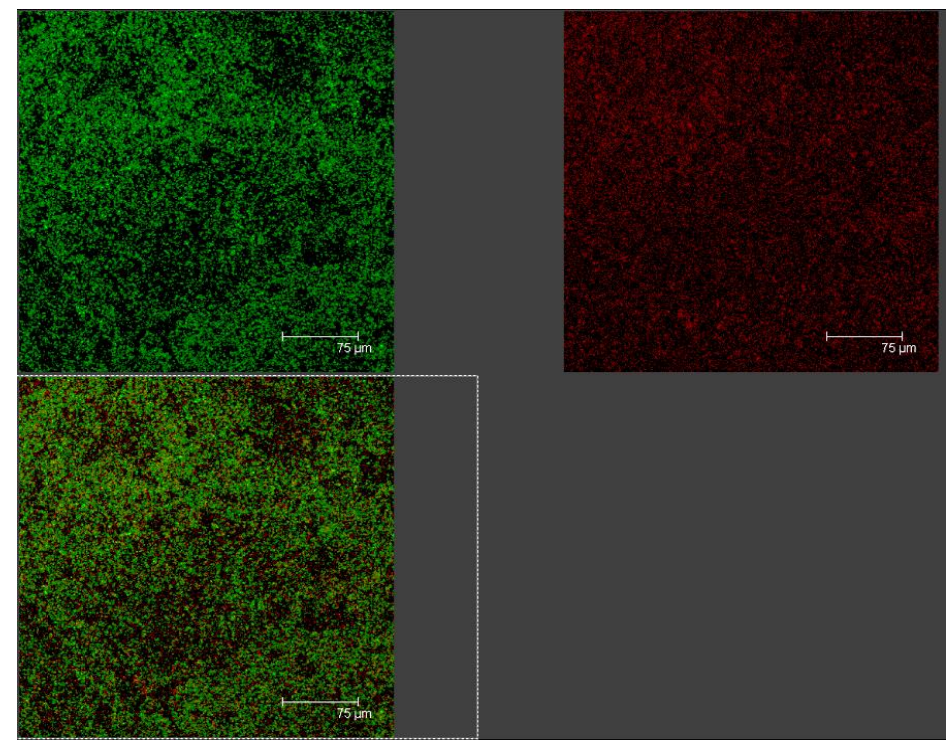
LP DNS/PK



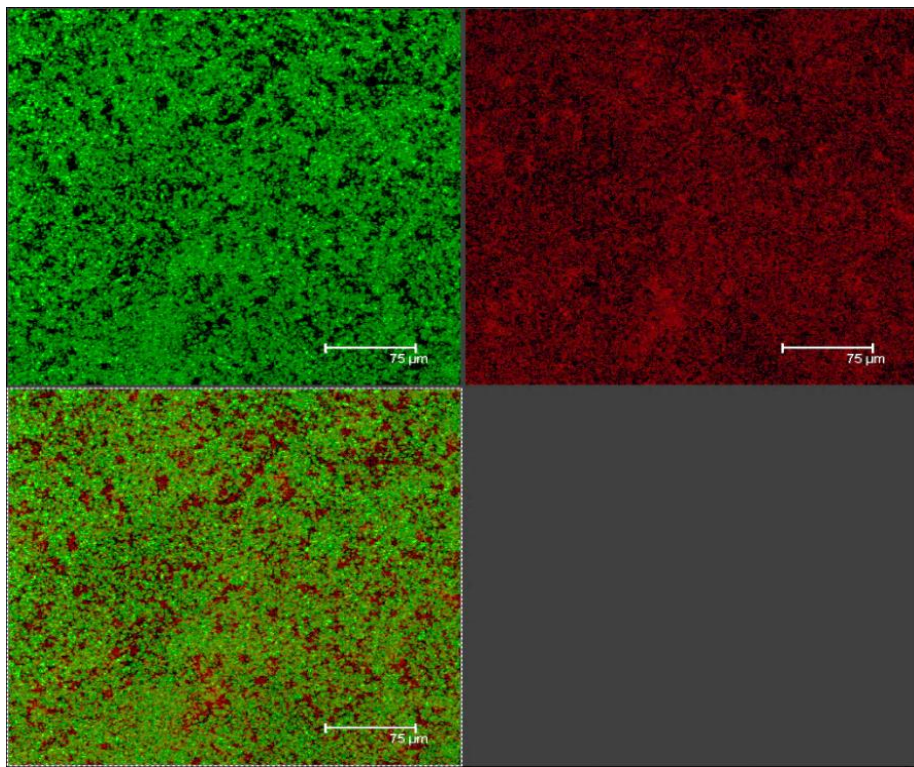
Suppl. Fig. 3. The biofilm structure observed by scanning electron microscopy after treatment with DNS/PK in the free or liposomal form with a larger magnification than Fig. 3A and Suppl. Fig. 2



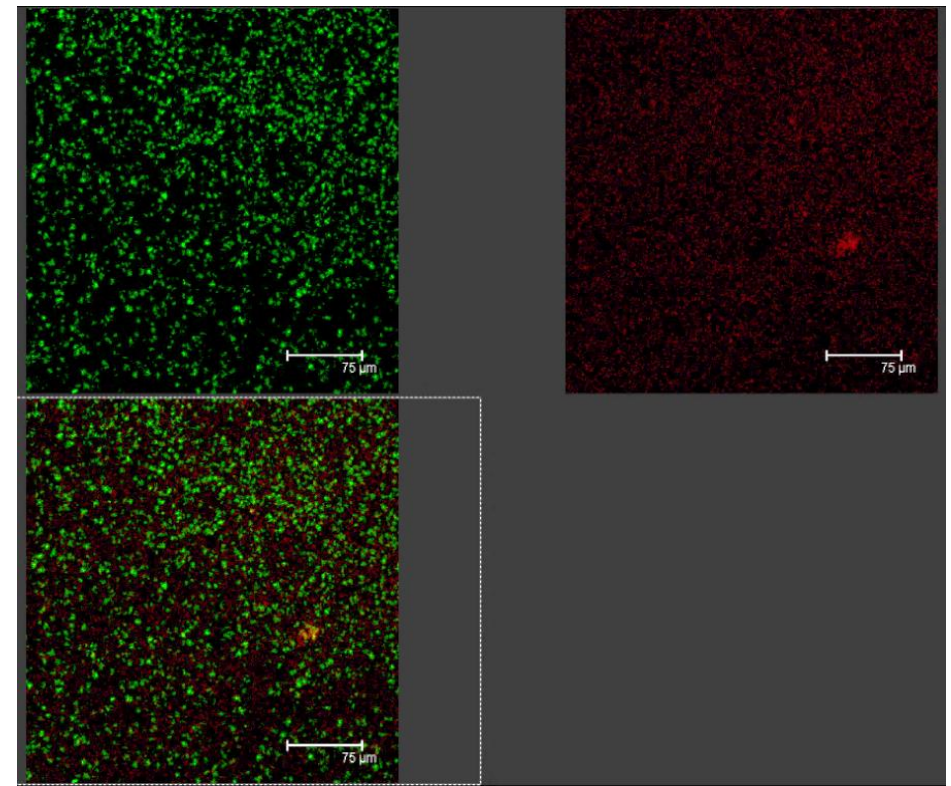
SME



DNS



PK



DNS/PK

Suppl. Fig. 4. The biofilm structure observed by confocal microscopy after treatment with SME, DNS, and/or PK in the free form