Supporting Information

Low-cost, Flexible and Regular-array Three-dimensional Nanopyramid Antibacterial Films for Clinical Applications

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Supplementary Information

a

Number of Live *E.coli*

x10^3	Planar	NPA	NPB	NPC
1-hr	17.3 (±0.18)	2.0 (±0.02)	1.5 (±0.02)	1.5 (±0.02)
24-hr	59.4 (±1.18)	2.3 (±0.02)	2.0 (±0.03)	1.4 (±0.02)
72-hr	26.6 (±0.34)	0.4 (±0.01)	0.6 (±0.03)	1.2 (±0.03)
168-hr	61.5 (±0.58)	3.6 (±0.05)	3.3 (±0.07)	5.7 (±0.04)

b

Number of Dead *E.coli*

x10^3	Planar	NPA	NPB	NPC
1-hr	0.2 (±0.00)	0.2 (±0.01)	0.1 (±0.00)	0.1 (±0.00)
24-hr	0.0 (±0.00)	0.3 (±0.01)	0.3 (±0.01)	0.2 (±0.00)
72-hr	0.8 (±0.03)	0.6 (±0.02)	0.7 (±0.03)	1.2 (±0.03)
168-hr	0.1 (±0.00)	2.8 (±0.07)	2.8 (±0.03)	5.8 (±0.02)

Supporting information Table S1 Summary of CLSM result. a) Summary of Live *E.coli* and b) Summary of Dead *E.coli*