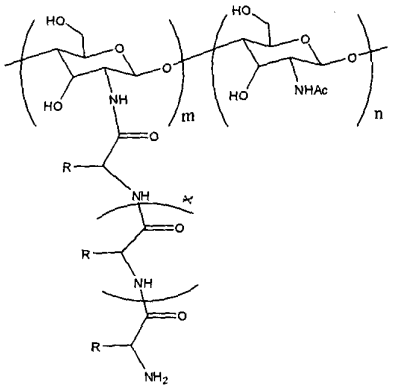
Peptidopolysaccharide



Peptidoglycan

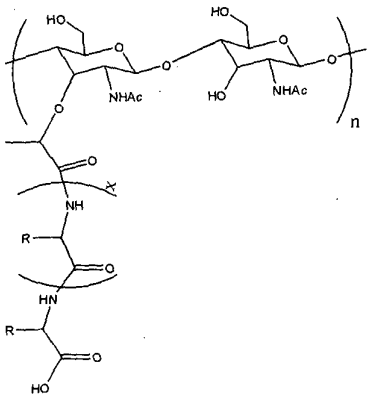


Fig. 1

Gram-negative

Gram-positive

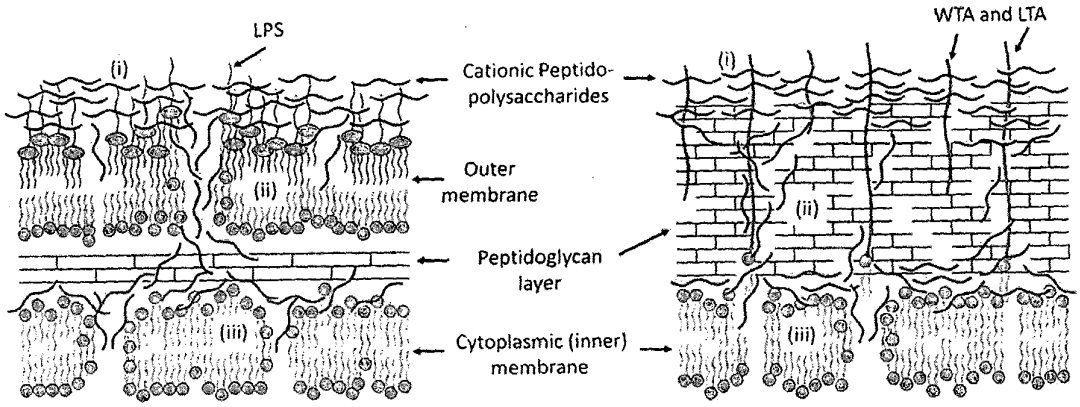


Fig. 2

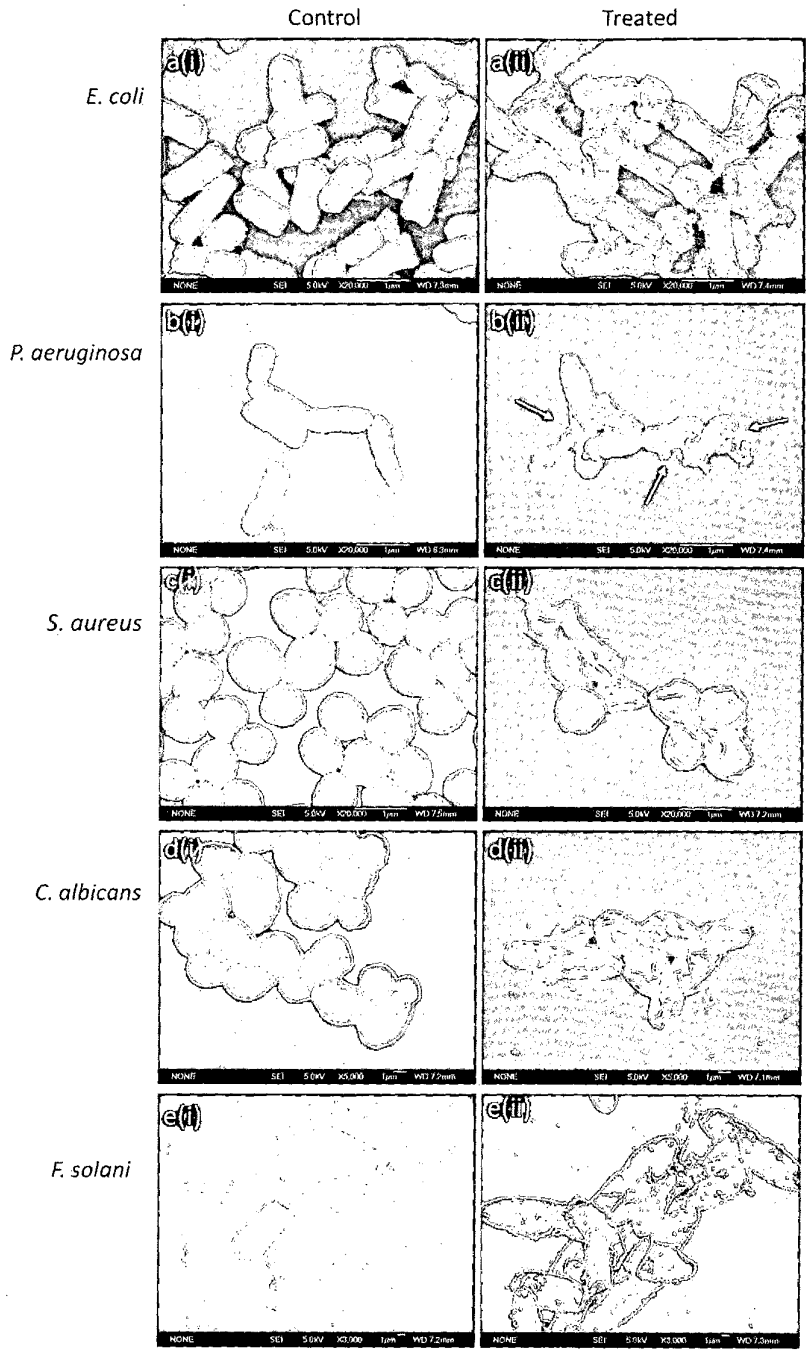

Control
Treated
E. coli
P. aeruginosa
S. aureus
C. albicans
F. solani
a(i)
a(ii)
b(i)
b(ii)
c(i)
c(ii)
d(i)
d(ii)
e(i)
e(ii)

Fig. 3

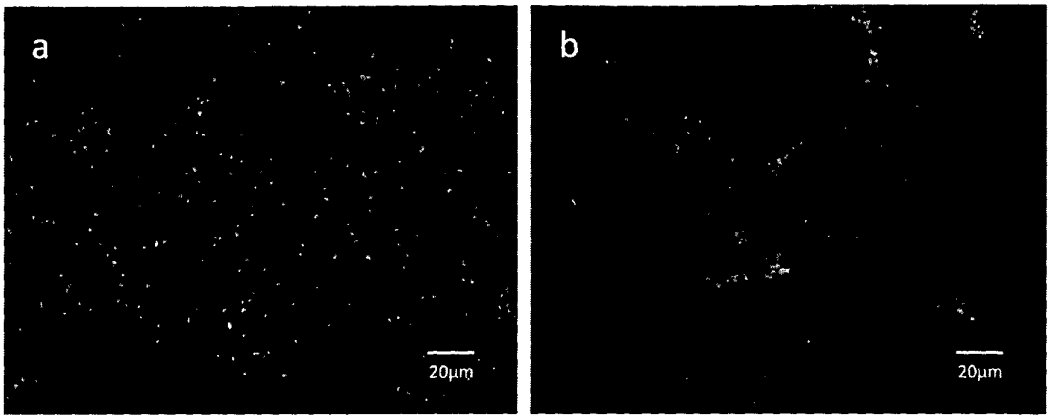

a
20μm
b
20μm

Fig. 4

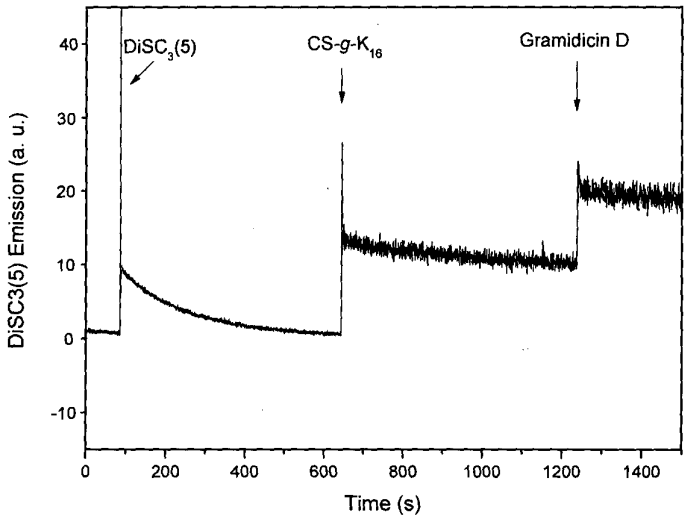

DiSC3(5) Emission (a. u.)
40
30
20
10
0
-10
0
200
400
600
800
1000
1200
1400
Time (s)
DiSC3(5)
CS-g-K16
Gramidicin D

Fig. 5a

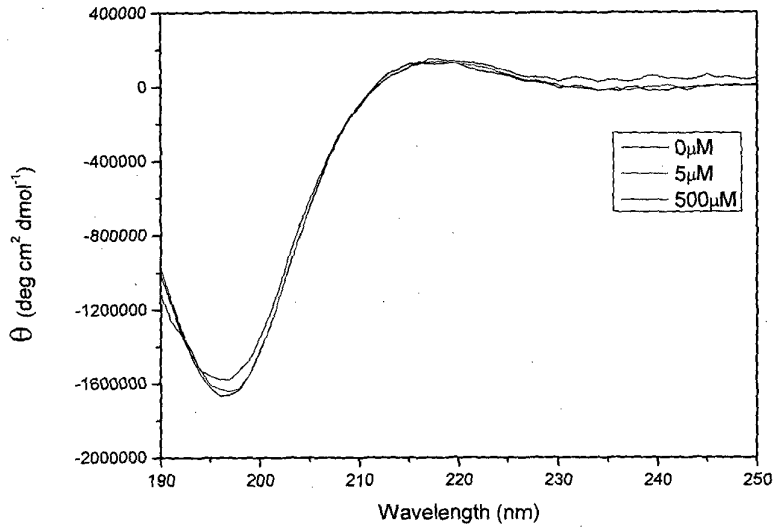

400000
0
-400000
-800000
-1200000
-1600000
-2000000
θ (deg cm² dmol⁻¹)
190
200
210
220
230
240
250
Wavelength (nm)
0μM
5μM
500μM

Fig. 5b

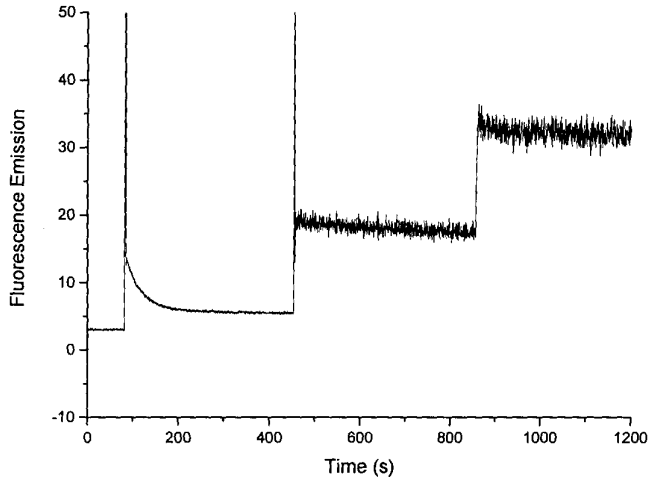

Fluorescence Emission
Time (s)
50
40
30
20
10
0
-10
0
200
400
600
800
1000
1200

Fig. 6

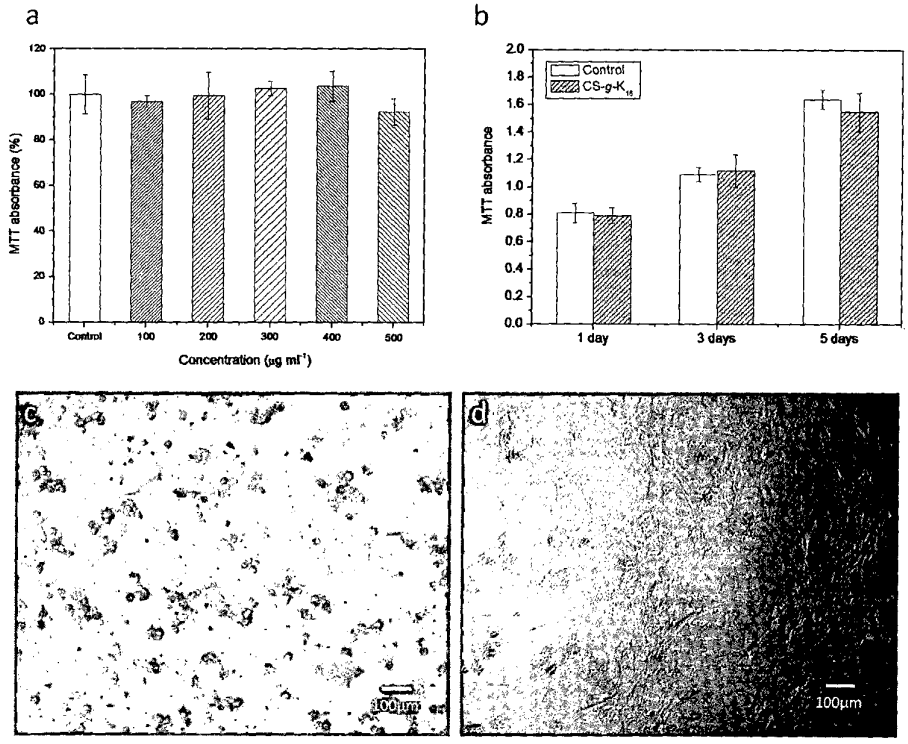

a
b
MTT absorbance (%)
Concentration (μg ml⁻¹)
Control
100
200
300
400
500
MTT absorbance
Control
CS-g-K15
1 day
3 days
5 days
c
d
100μm
100μm

Fig. 7