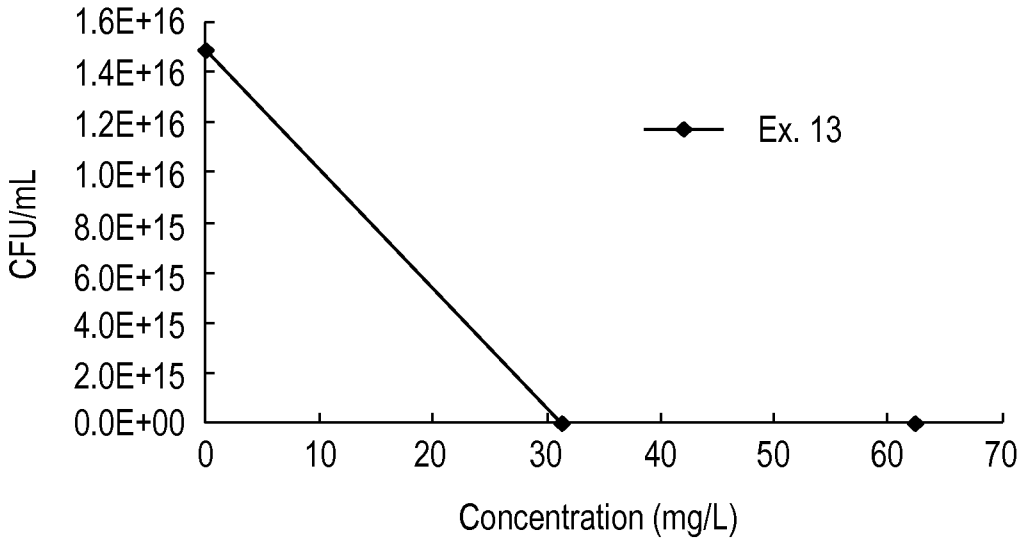

1.6E+16
1.4E+16
1.2E+16
1.0E+16
8.0E+15
6.0E+15
4.0E+15
2.0E+15
0.0E+00
CFU/mL
0
10
20
30
40
50
60
70
Concentration (mg/L)
Ex. 13

FIG. 1A

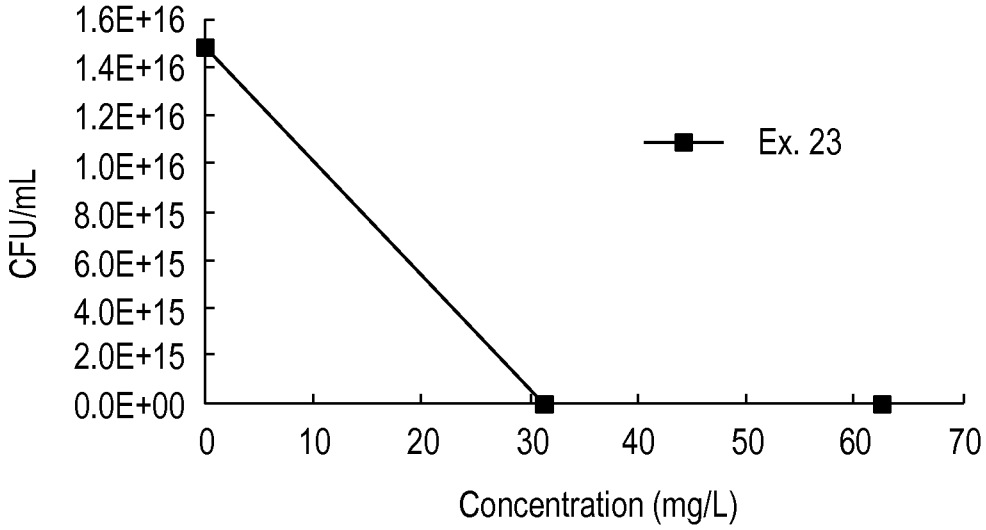

1.6E+16
1.4E+16
1.2E+16
1.0E+16
8.0E+15
6.0E+15
4.0E+15
2.0E+15
0.0E+00
CFU/mL
0
10
20
30
40
50
60
70
Concentration (mg/L)
Ex. 23

FIG. 1B

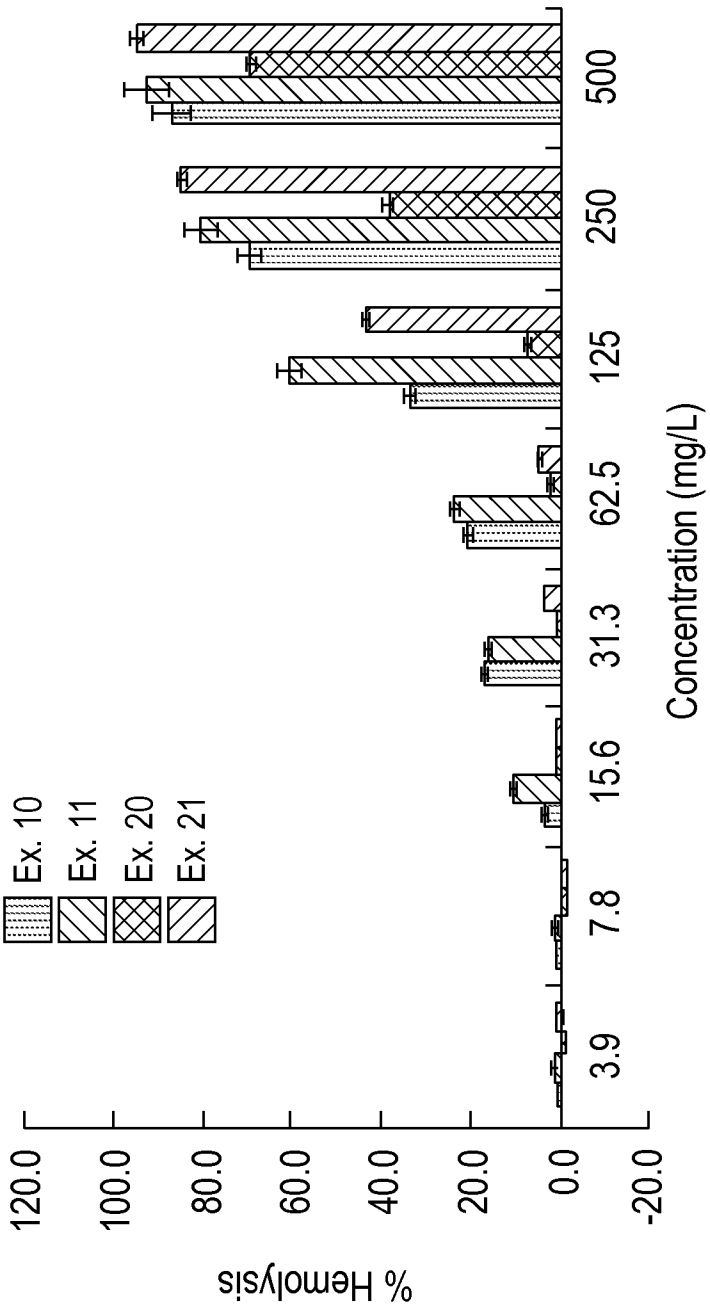

% Hemolysis
120.0
100.0
80.0
60.0
40.0
20.0
0.0
-20.0
3.9
7.8
15.6
31.3
62.5
125
250
500
Concentration (mg/L)
Ex. 10
Ex. 11
Ex. 20
Ex. 21

FIG. 2A

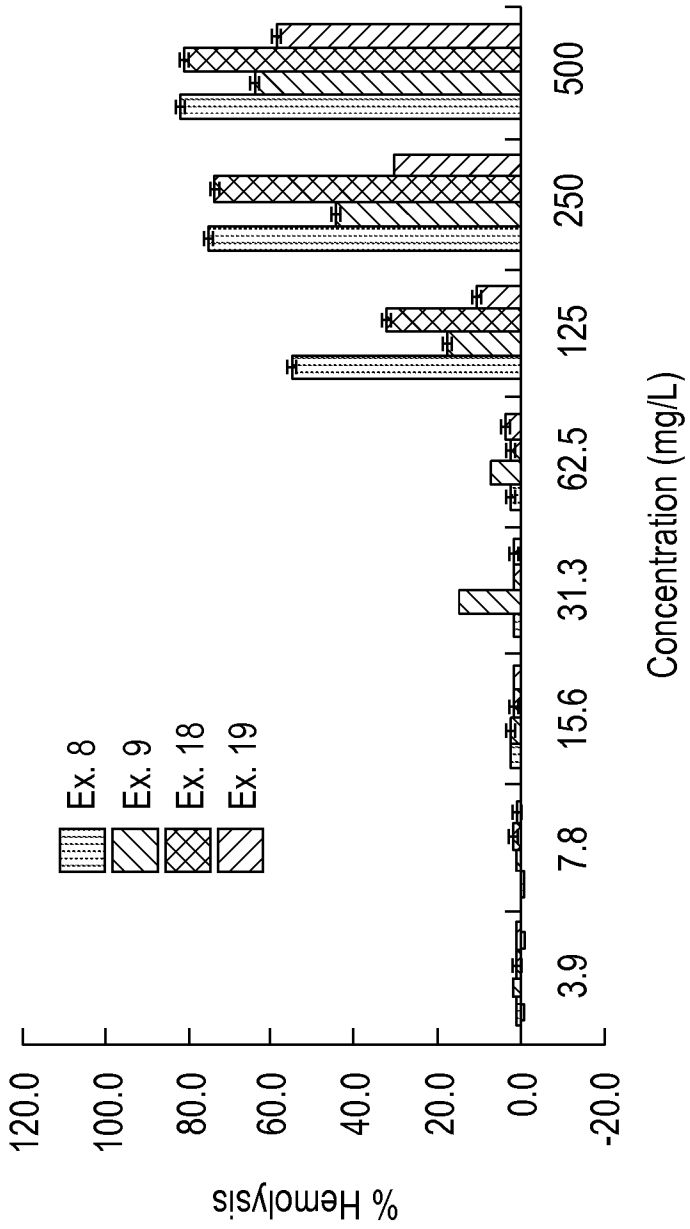

% Hemolysis
120.0
100.0
80.0
60.0
40.0
20.0
0.0
-20.0
3.9
7.8
15.6
31.3
62.5
125
250
500
Concentration (mg/L)
Ex. 8
Ex. 9
Ex. 18
Ex. 19

FIG. 2B

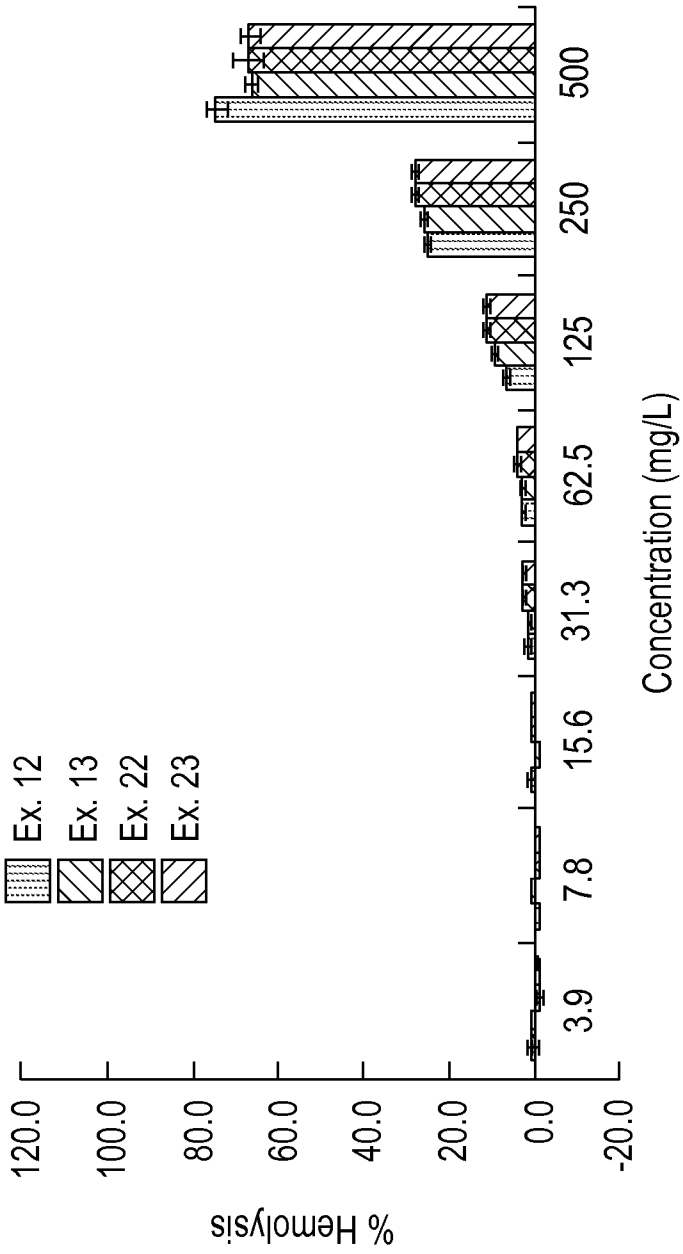

% Hemolysis
120.0
100.0
80.0
60.0
40.0
20.0
0.0
-20.0
3.9
7.8
15.6
31.3
62.5
125
250
500
Concentration (mg/L)
Ex. 12
Ex. 13
Ex. 22
Ex. 23

FIG. 2C

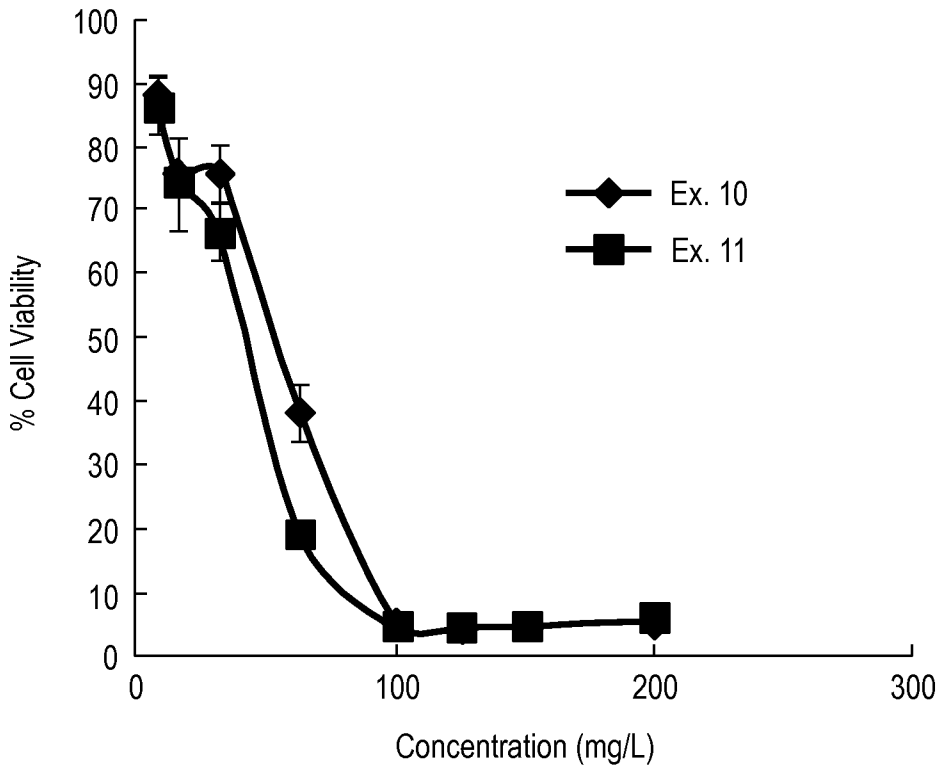

100
90
80
70
60
50
40
30
20
10
0
% Cell Viability
0
100
200
300
Concentration (mg/L)
Ex. 10
Ex. 11

FIG. 3A

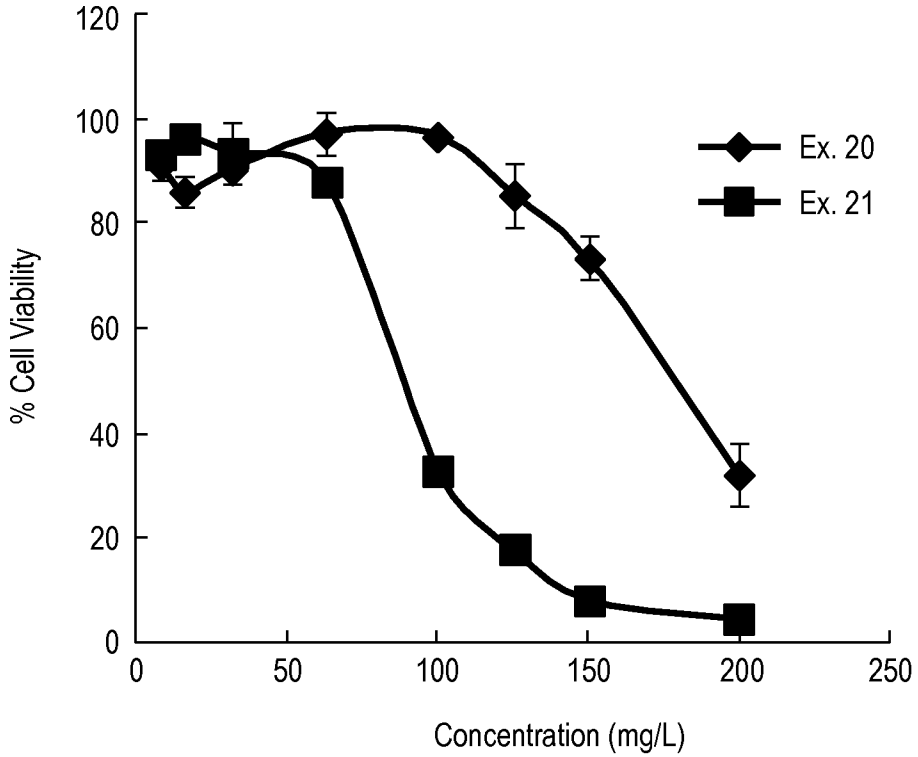

120
100
80
60
40
20
0
% Cell Viability
0
50
100
150
200
250
Concentration (mg/L)
Ex. 20
Ex. 21

FIG. 3B

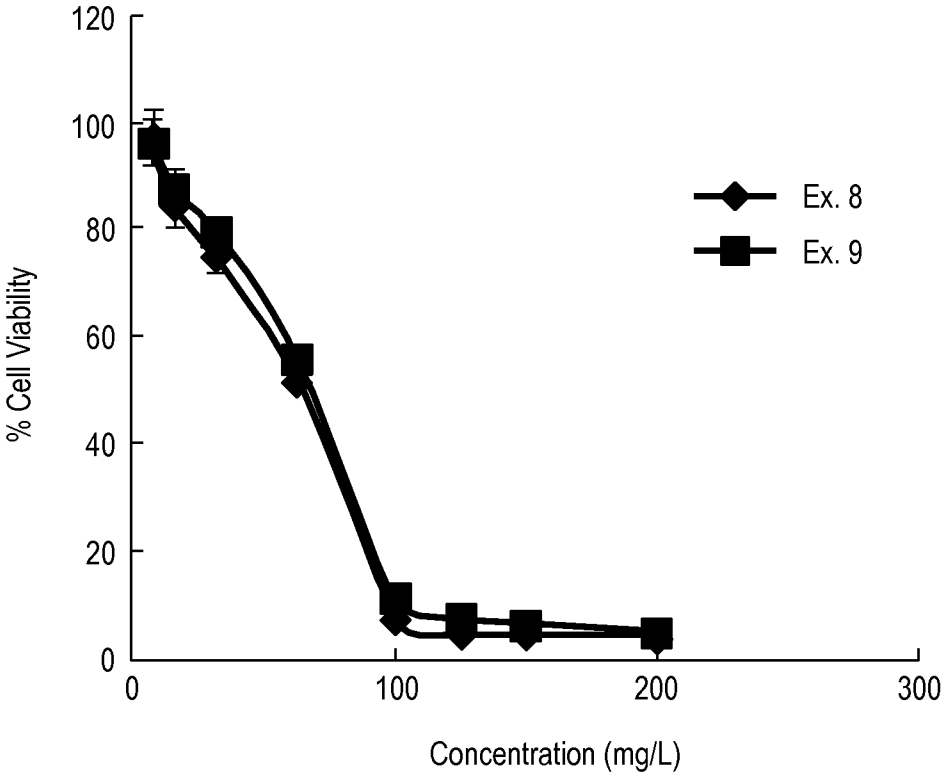

120
100
80
60
40
20
0
% Cell Viability
0
100
200
300
Concentration (mg/L)
Ex. 8
Ex. 9

FIG. 3C

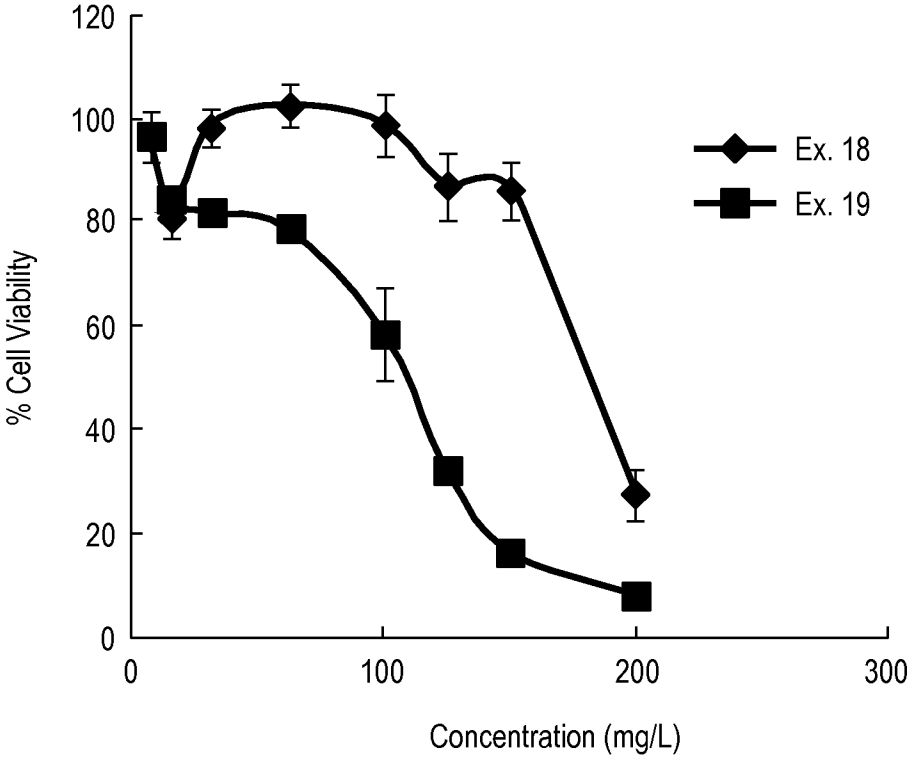

120
100
80
60
40
20
0
% Cell Viability
0
100
200
300
Concentration (mg/L)
Ex. 18
Ex. 19

FIG. 3D

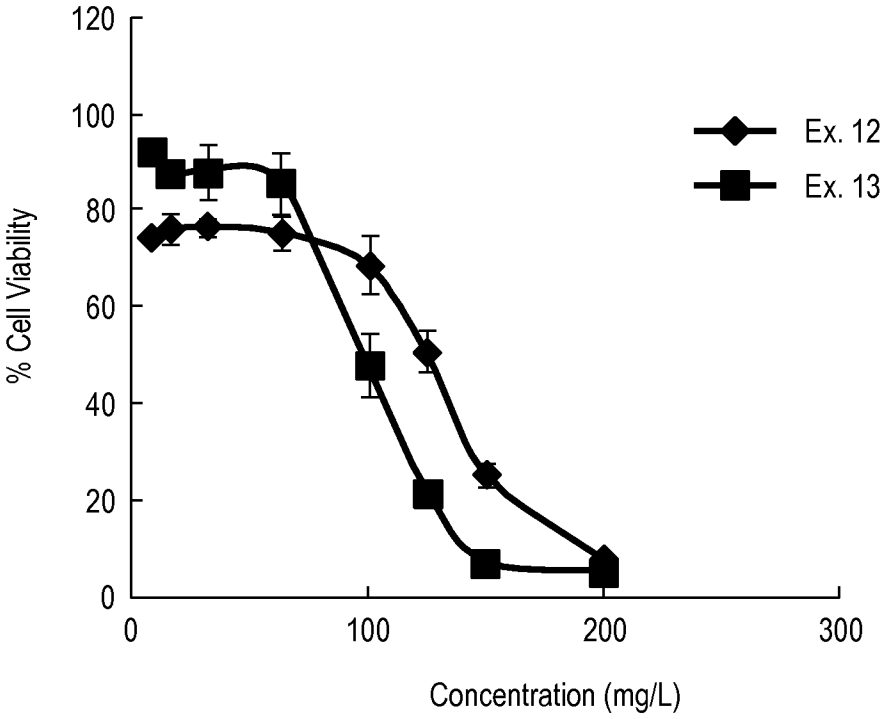

120
100
80
60
40
20
0
% Cell Viability
0
100
200
300
Concentration (mg/L)
Ex. 12
Ex. 13

FIG. 3E

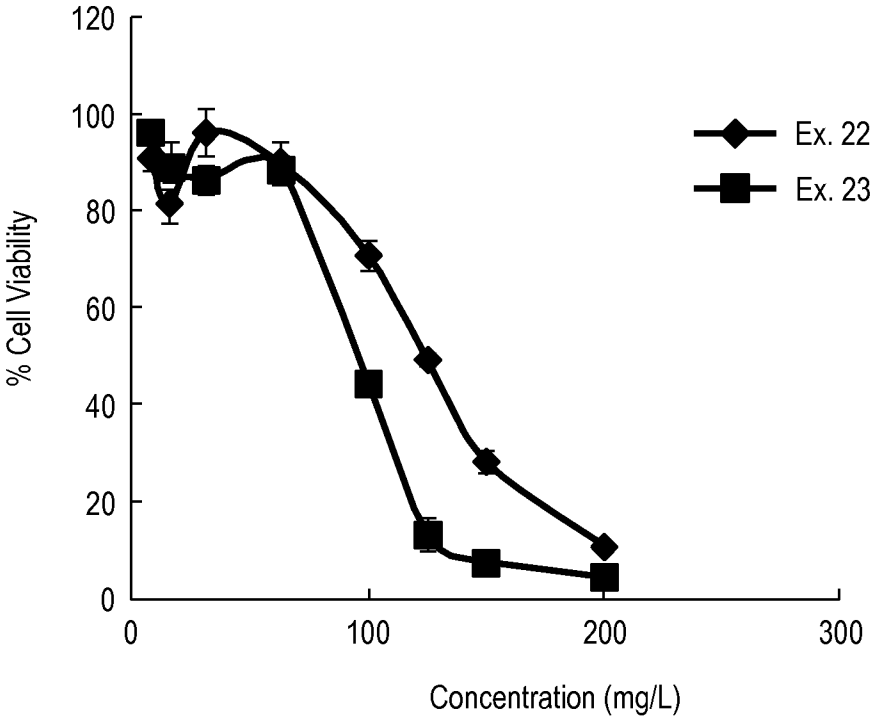

120
100
80
60
40
20
0
% Cell Viability
0
100
200
300
Concentration (mg/L)
Ex. 22
Ex. 23

FIG. 3F

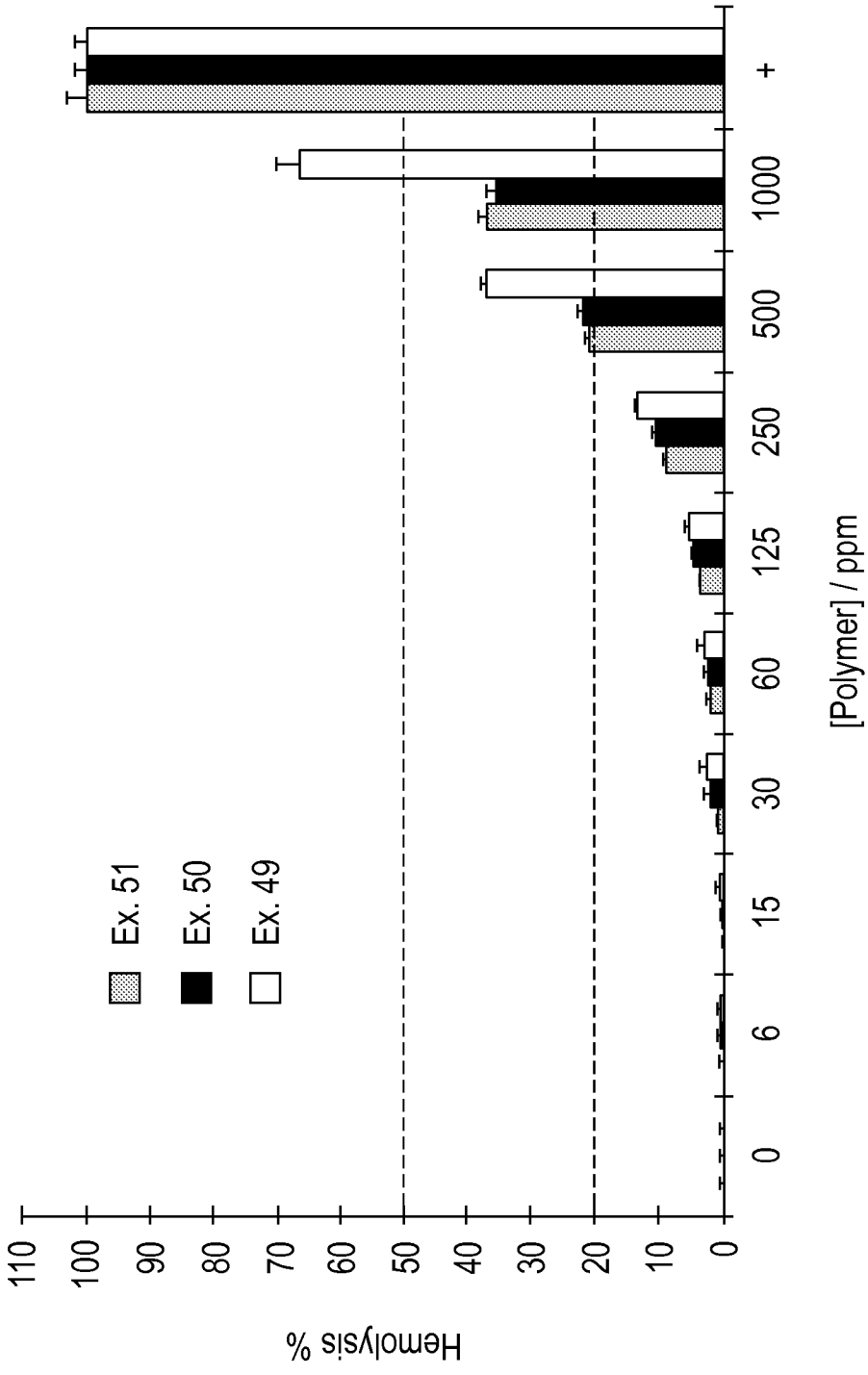

Hemolysis %
110
100
90
80
70
60
50
40
30
20
10
0
Ex. 51
Ex. 50
Ex. 49
0
6
15
30
60
125
250
500
1000
+
[Polymer] / ppm

FIG. 4

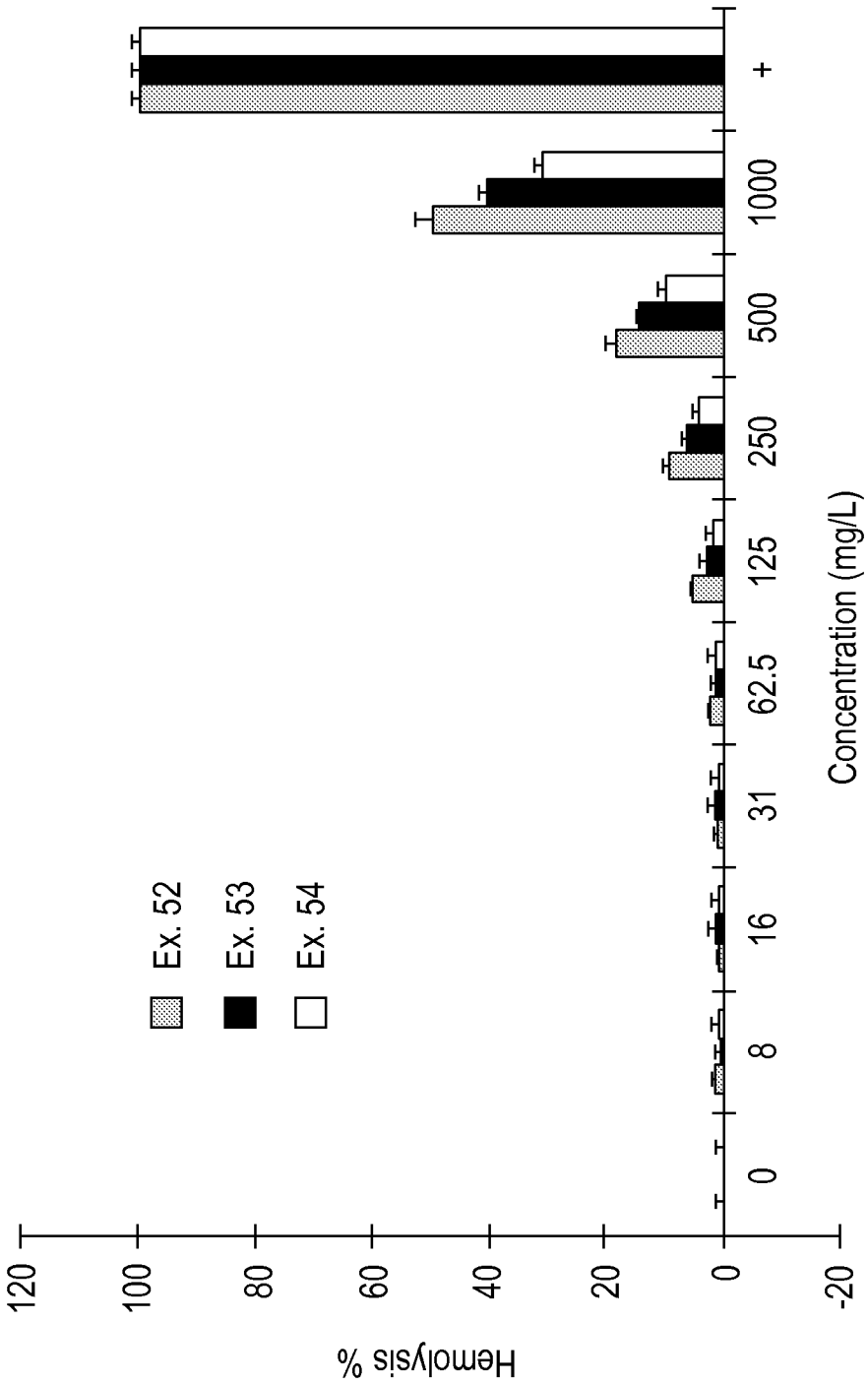

Hemolysis %
120
100
80
60
40
20
0
-20
Ex. 52
Ex. 53
Ex. 54
0
8
16
31
62.5
125
250
500
1000
+
Concentration (mg/L)

FIG. 5

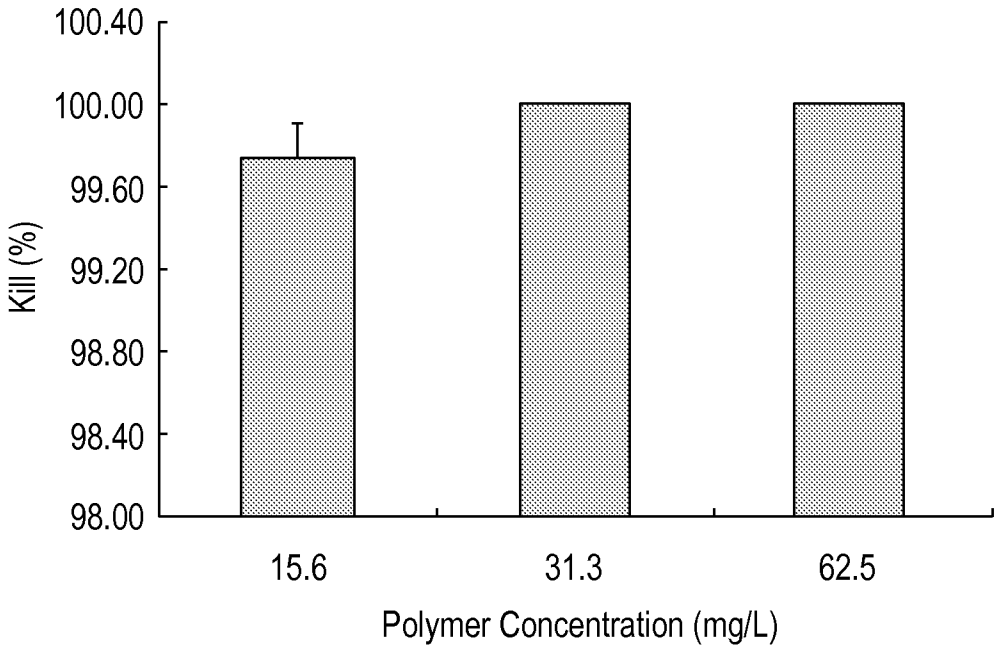

100.40
100.00
99.60
99.20
98.80
98.40
98.00
Kill (%)
15.6
31.3
62.5
Polymer Concentration (mg/L)

FIG. 6A

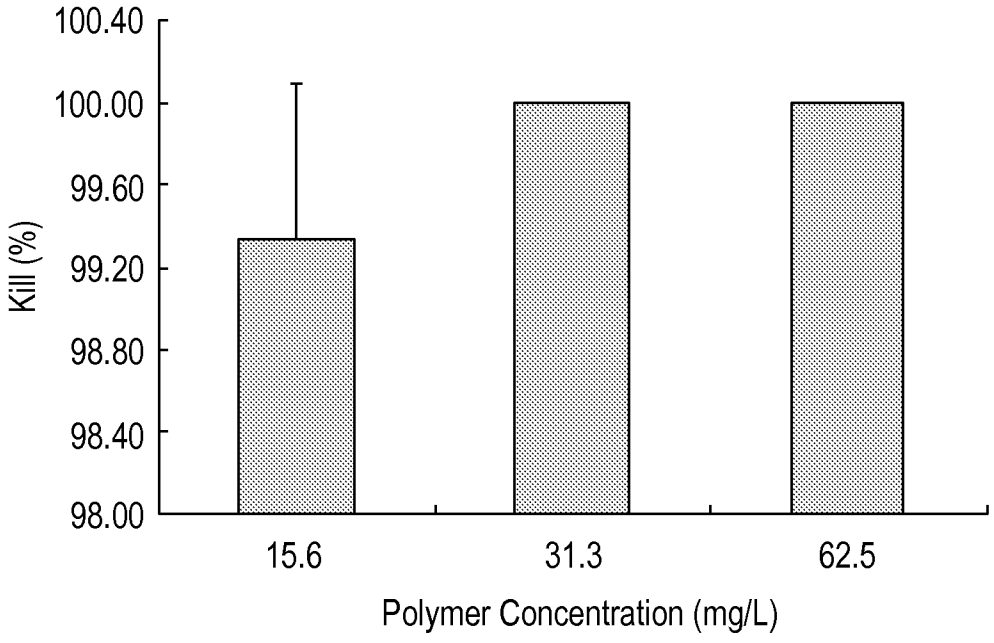

100.40
100.00
99.60
99.20
98.80
98.40
98.00
Kill (%)
15.6
31.3
62.5
Polymer Concentration (mg/L)

FIG. 6B

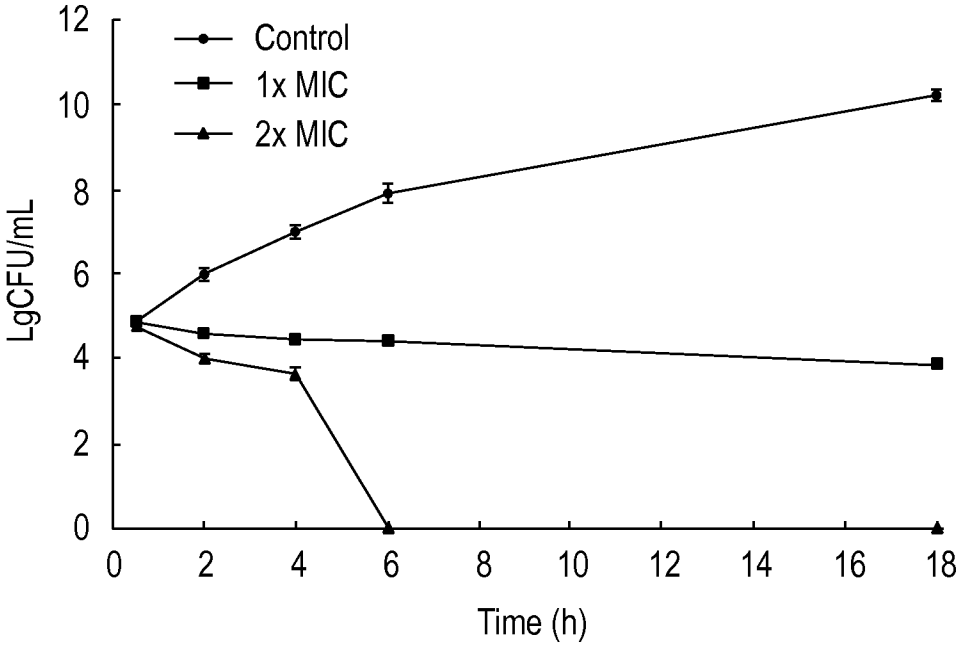

Control
1x MIC
2x MIC
LgCFU/mL
Time (h)
0
2
4
6
8
10
12
14
16
18

FIG. 7A

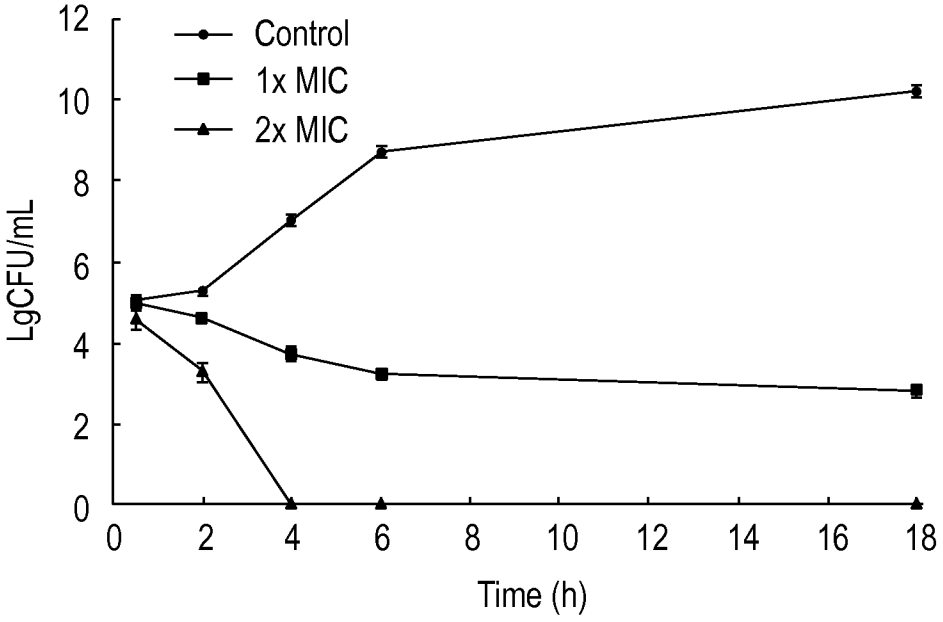

Control
1x MIC
2x MIC
LgCFU/mL
Time (h)
0
2
4
6
8
10
12
14
16
18

FIG. 7B

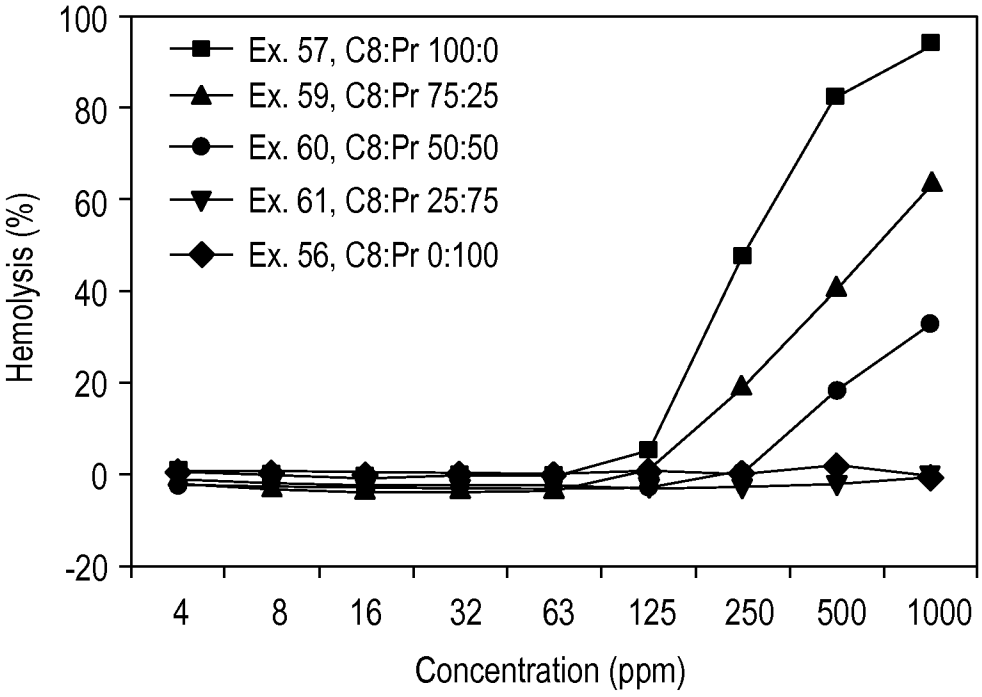

Ex. 57, C8:Pr 100:0
Ex. 59, C8:Pr 75:25
Ex. 60, C8:Pr 50:50
Ex. 61, C8:Pr 25:75
Ex. 56, C8:Pr 0:100
Hemolysis (%)
100
80
60
40
20
0
-20
4
8
16
32
63
125
250
500
1000
Concentration (ppm)

FIG. 8

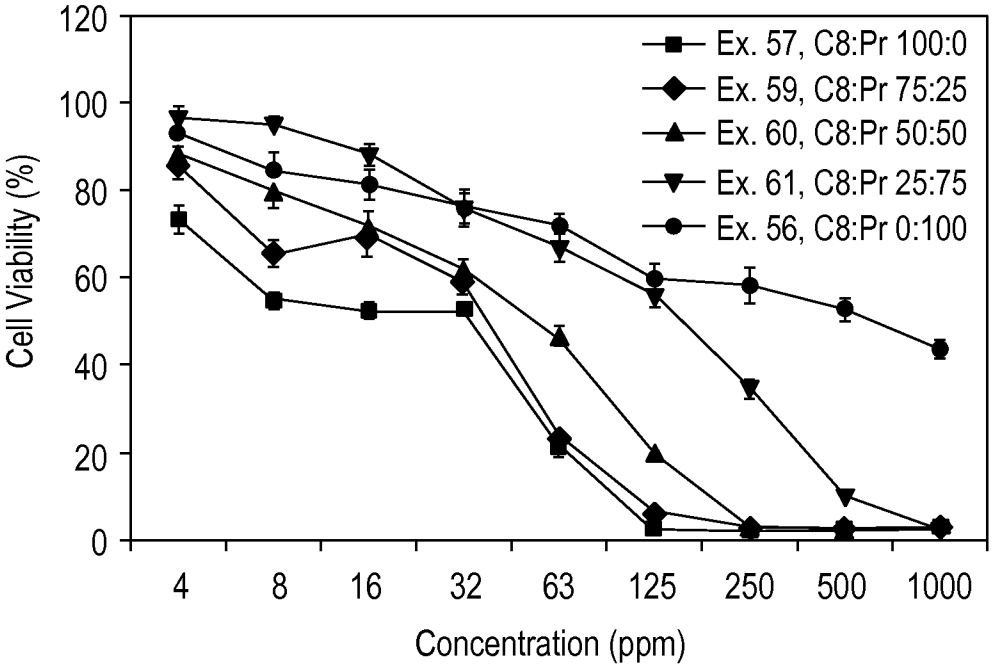

Ex. 57, C8:Pr 100:0
Ex. 59, C8:Pr 75:25
Ex. 60, C8:Pr 50:50
Ex. 61, C8:Pr 25:75
Ex. 56, C8:Pr 0:100
Cell Viability (%)
120
100
80
60
40
20
0
4
8
16
32
63
125
250
500
1000
Concentration (ppm)

FIG. 9

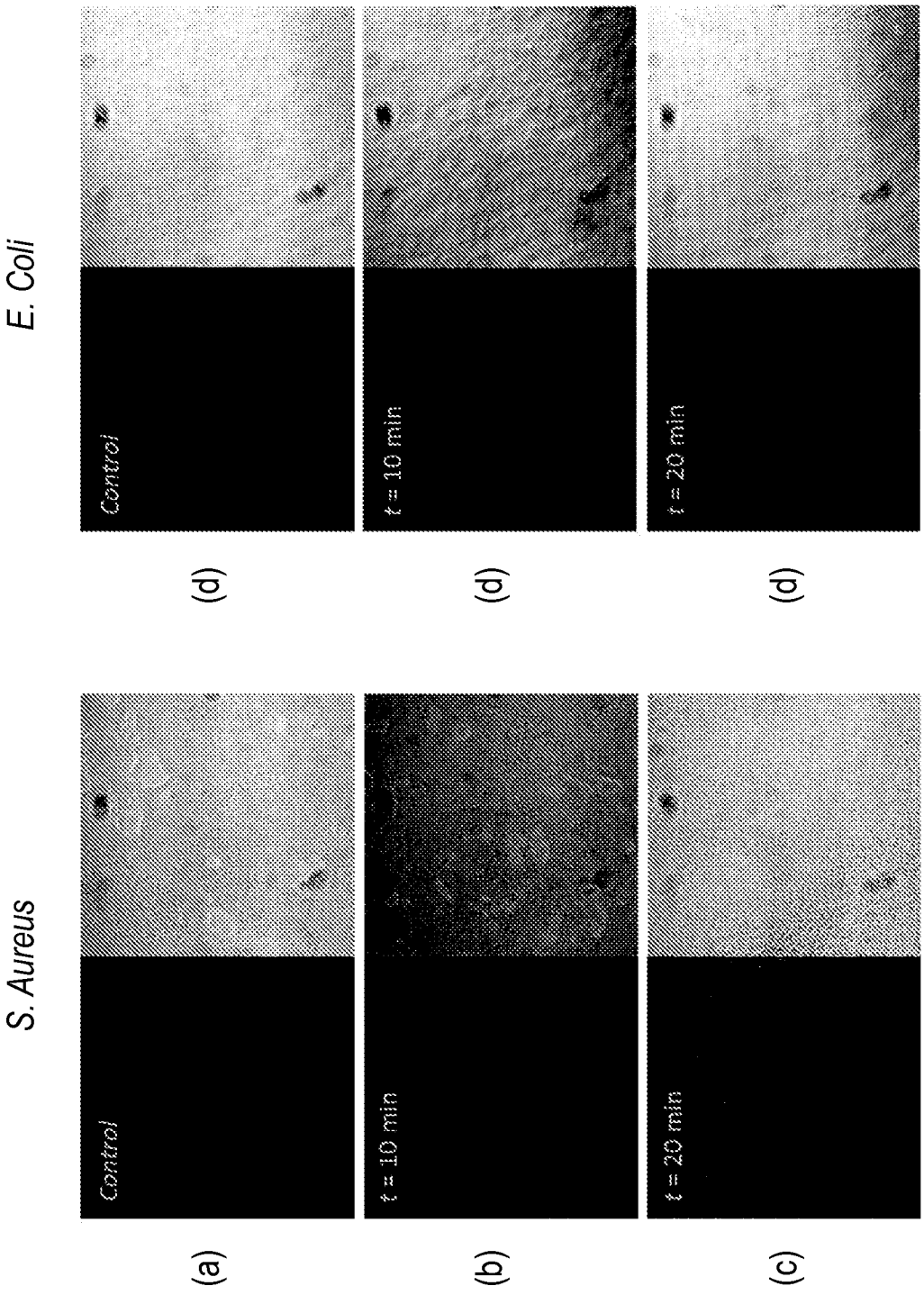


FIG. 10

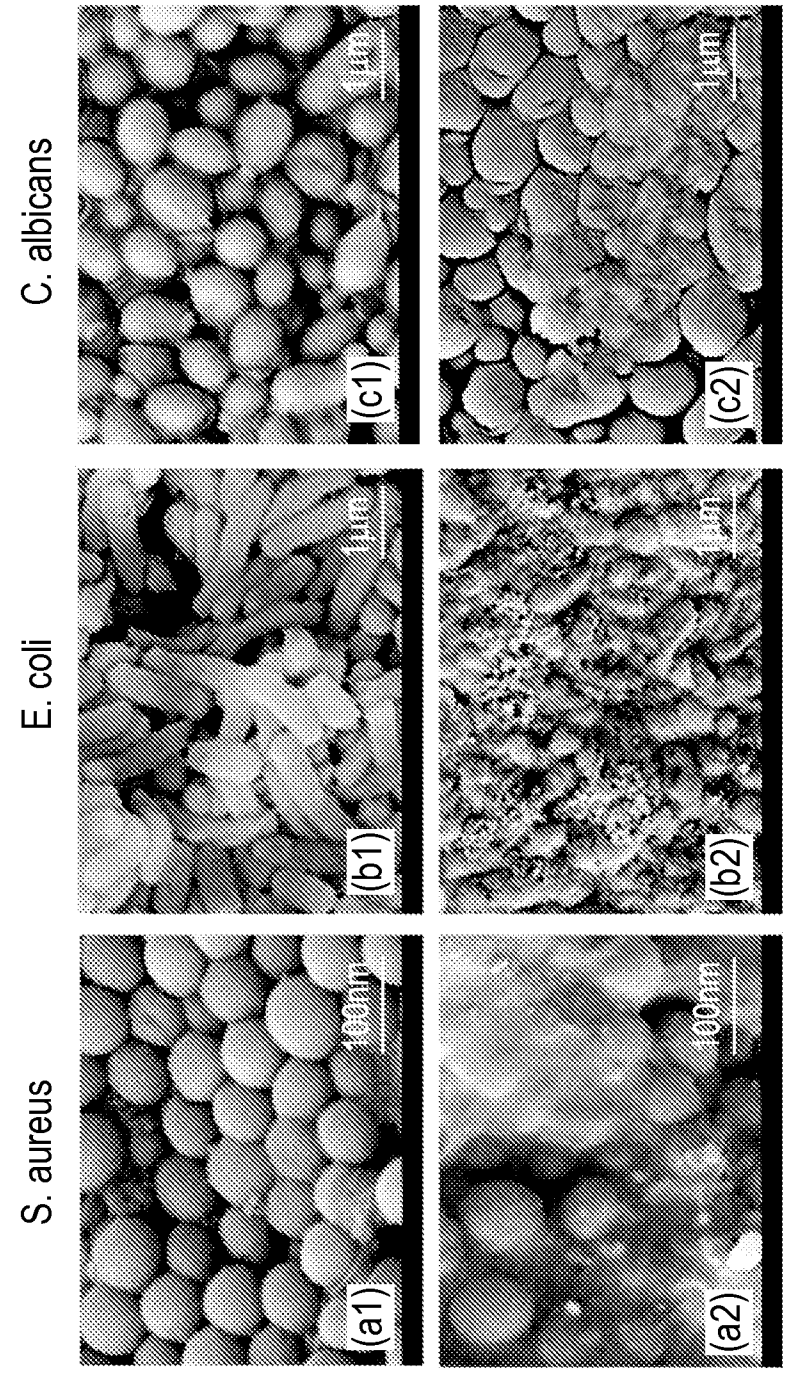

S. aureus
E. coli
C. albicans
Before treatment
After treatment
100nm
1μm
(a1)
(b1)
(c1)
(a2)
(b2)
(c2)

FIG. 11