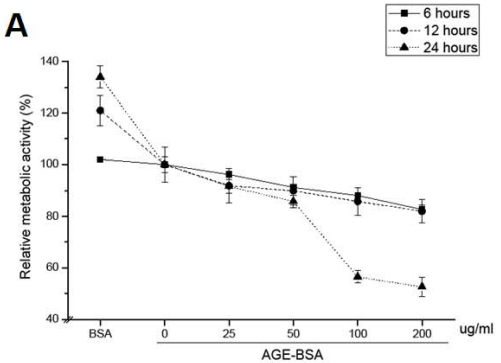
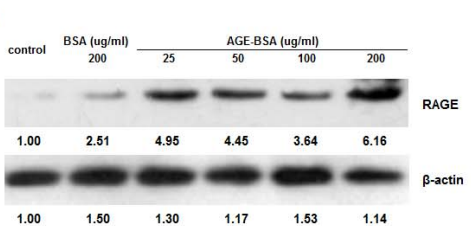
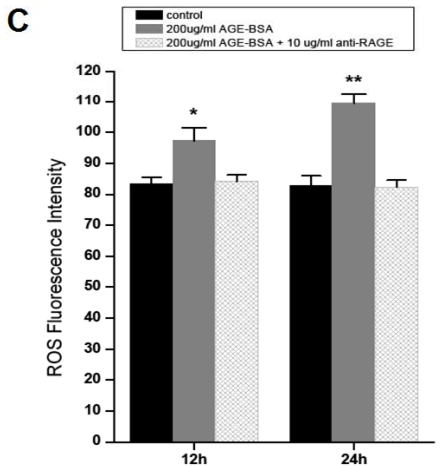
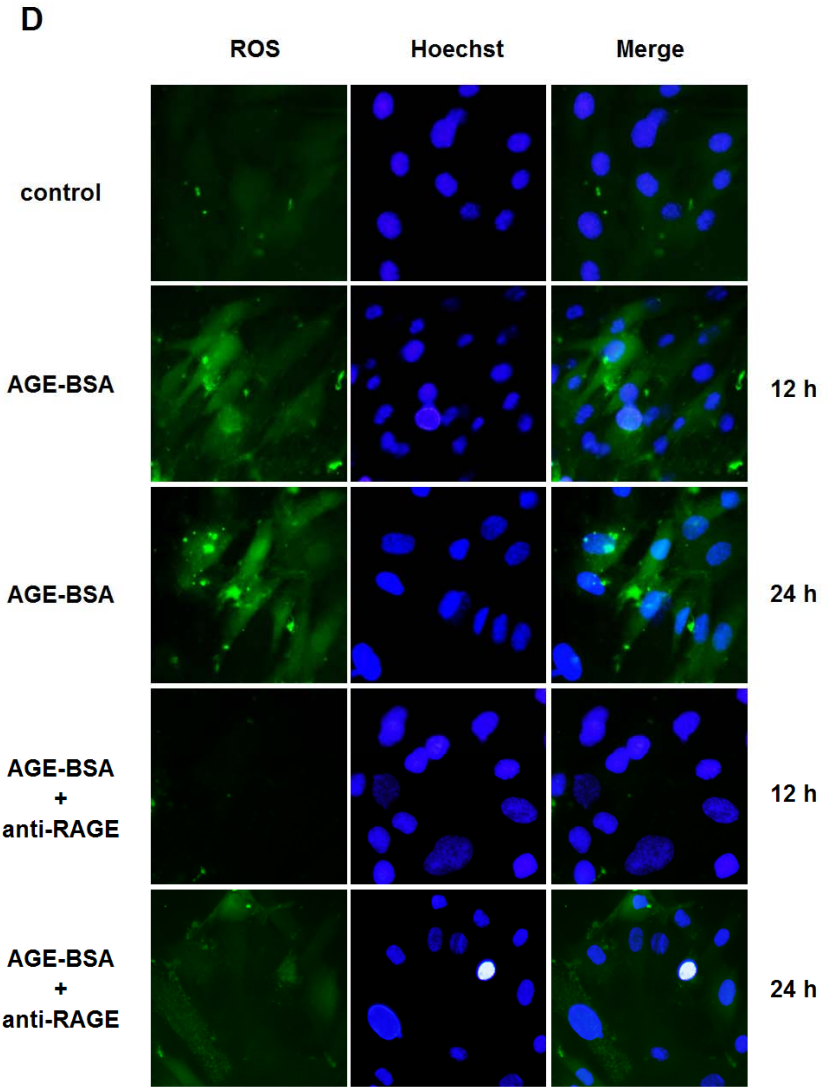

A
6 hours
12 hours
24 hours
Relative metabolic activity (%)
140
120
100
80
60
40
BSA
0
25
50
100
200
ug/ml
AGE-BSA


B
control
BSA (ug/ml)
200
AGE-BSA (ug/ml)
25
50
100
200
RAGE
1.00
2.51
4.95
4.45
3.64
6.16
β-actin
1.00
1.50
1.30
1.17
1.53
1.14


C
control
200ug/ml AGE-BSA
200ug/ml AGE-BSA + 10 ug/ml anti-RAGE
ROS Fluorescence Intensity
120
110
100
90
80
70
60
50
40
30
20
10
0
*
**
12h
24h


D
ROS
Hoechst
Merge
control
AGE-BSA
12 h
AGE-BSA
24 h
AGE-BSA
+
anti-RAGE
12 h
AGE-BSA
+
anti-RAGE
24 h