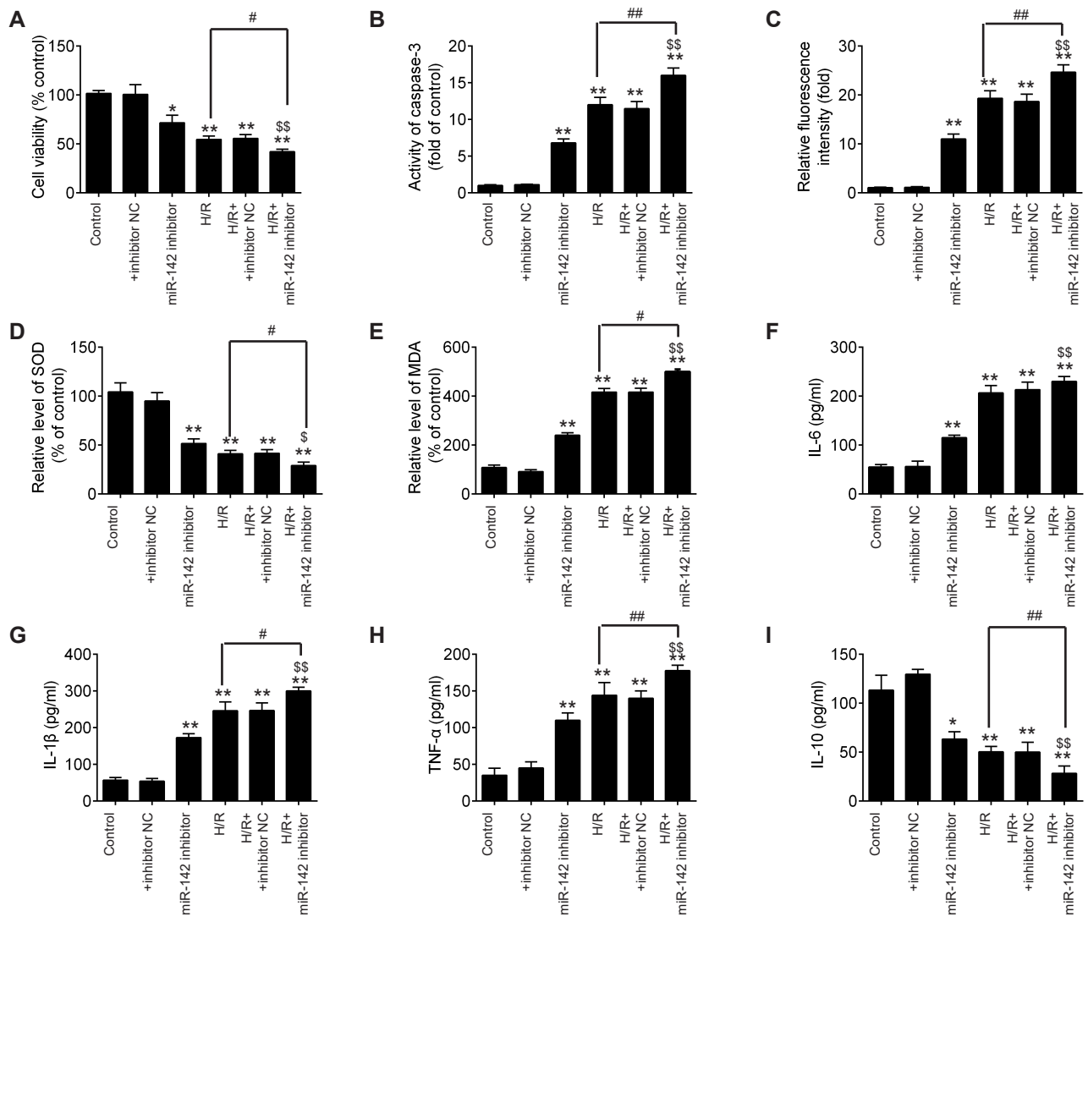
A
Cell viability (% control)
150
100
50
0
#
*
**
**
$$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor
B
Activity of caspase-3 (fold of control)
20
15
10
5
0
##
**
**
**
$$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor
C
Relative fluorescence intensity (fold)
30
20
10
0
##
**
**
**
$$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor
D
Relative level of SOD (% of control)
150
100
50
0
#
**
**
**
$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor
E
Relative level of MDA (% of control)
600
400
200
0
#
**
**
**
$$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor
F
IL-6 (pg/ml)
300
200
100
0
**
**
**
$$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor
G
IL-1β (pg/ml)
400
300
200
100
0
#
**
**
**
$$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor
H
TNF-α (pg/ml)
200
150
100
50
0
##
**
**
**
$$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor
I
IL-10 (pg/ml)
150
100
50
0
##
*
**
**
$$
**
Control
+inhibitor NC
miR-142 inhibitor
H/R
H/R+ +inhibitor NC
H/R+ miR-142 inhibitor