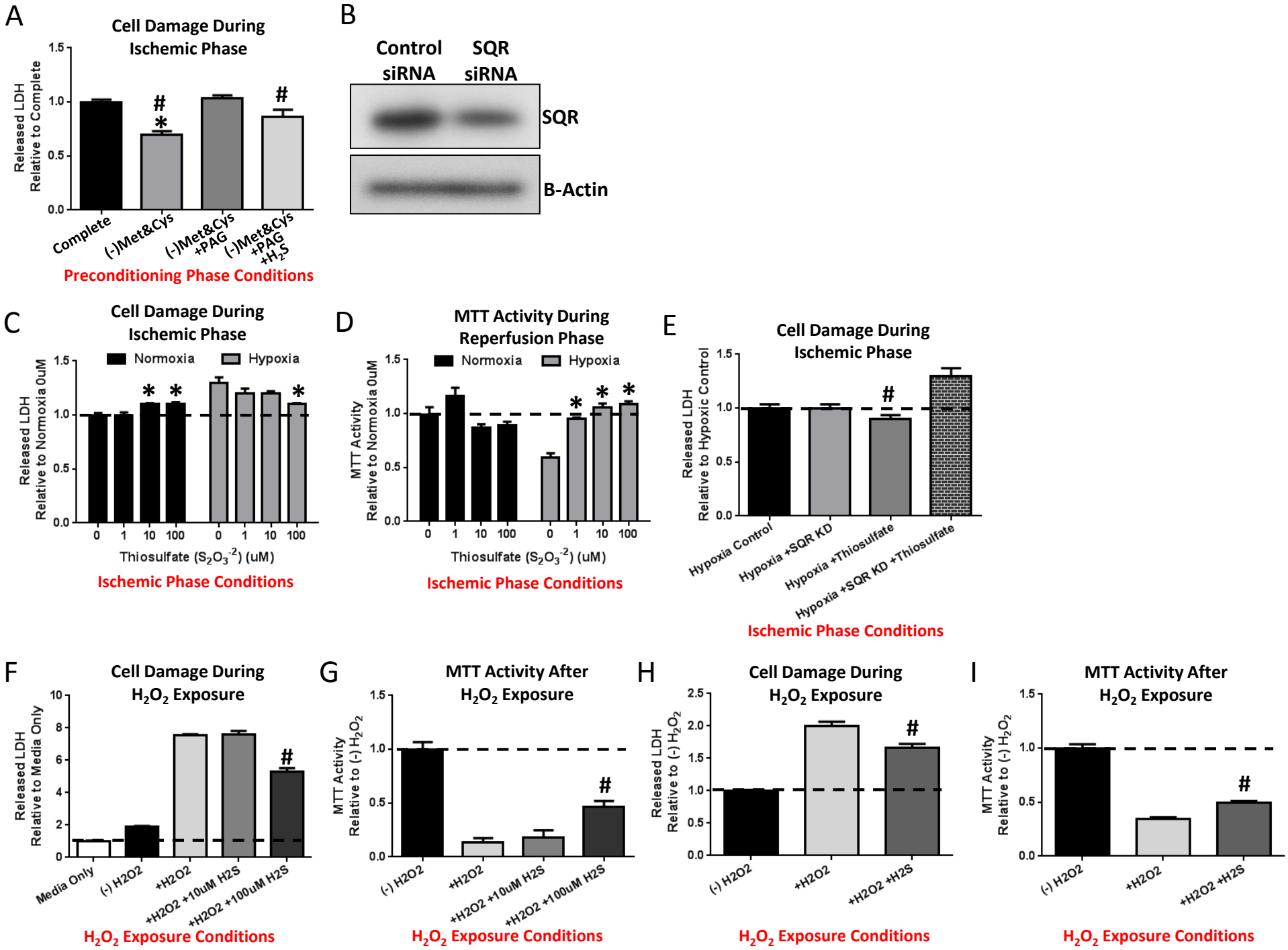
A
Cell Damage During Ischemic Phase
Released LDH Relative to Complete
1.5
1.0
0.5
0.0
#
*
#
Complete
(-)Met&Cys
(-)Met&Cys +PAG
(-)Met&Cys +PAG +H2S
Preconditioning Phase Conditions
B
Control siRNA
SQR siRNA
SQR
B-Actin
C
Cell Damage During Ischemic Phase
Normoxia
Hypoxia
Released LDH Relative to Normoxia 0uM
Thiosulfate (S2O3-2) (uM)
Ischemic Phase Conditions
D
MTT Activity During Reperfusion Phase
Normoxia
Hypoxia
MTT Activity Relative to Normoxia 0uM
Thiosulfate (S2O3-2) (uM)
Ischemic Phase Conditions
E
Cell Damage During Ischemic Phase
Released LDH Relative to Hypoxic Control
Hypoxia Control
Hypoxia +SQR KD
Hypoxia +Thiosulfate
Hypoxia +SQR KD +Thiosulfate
Ischemic Phase Conditions
F
Cell Damage During H2O2 Exposure
Released LDH Relative to Media Only
Media Only
(-) H2O2
+H2O2
+H2O2 +10uM H2S
+H2O2 +100uM H2S
H2O2 Exposure Conditions
G
MTT Activity After H2O2 Exposure
MTT Activity Relative to (-) H2O2
(-) H2O2
+H2O2
+H2O2 +10uM H2S
+H2O2 +100uM H2S
H2O2 Exposure Conditions
H
Cell Damage During H2O2 Exposure
Released LDH Relative to (-) H2O2
(-) H2O2
+H2O2
+H2O2 +H2S
H2O2 Exposure Conditions
I
MTT Activity After H2O2 Exposure
MTT Activity Relative to (-) H2O2
(-) H2O2
+H2O2
+H2O2 +H2S
H2O2 Exposure Conditions