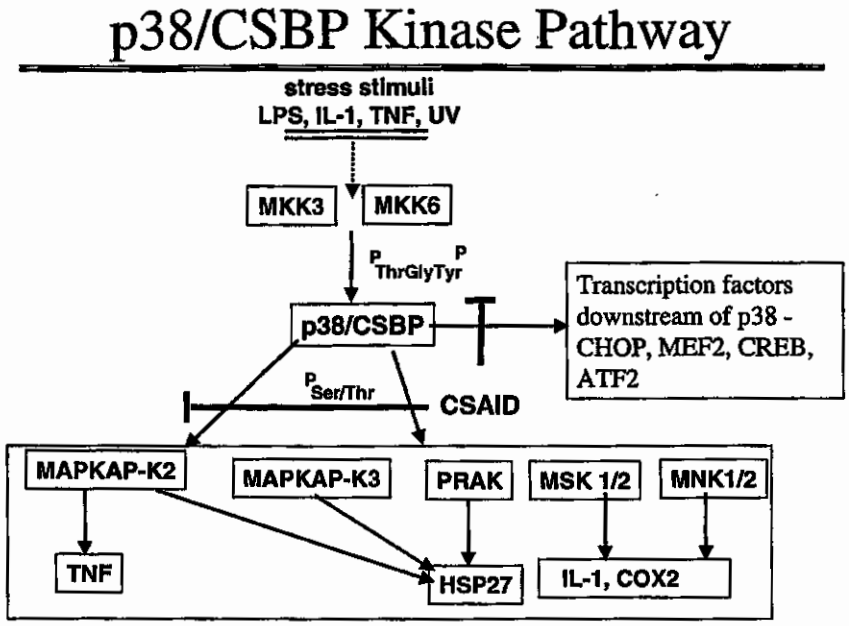

p38/CSBP Kinase Pathway
stress stimuli
LPS, IL-1, TNF, UV
MKK3
MKK6
P ThrGlyTyr P
p38/CSBP
Transcription factors downstream of p38 - CHOP, MEF2, CREB, ATF2
P Ser/Thr
CSAID
MAPKAP-K2
MAPKAP-K3
PRAK
MSK 1/2
MNK1/2
TNF
HSP27
IL-1, COX2

FIGURE 1