Availability: CC BY 2.0 Organism: Gallus gallus **FAS Pathway Stress Induction of HSP regulation FASLG Stress** IL1A TNF Extracellular FAS Cytoplasm FAF1 DAXX DAXX FAF1 FADD CASP8 CASP10 Glutathione FAP1 **CFLAR** Mitochondria Pathway MAPKAPK2 Phosphate RIPK2 CASP8 МАРКАРК3 Phosphate BCL2 HSPB1 CASP3 HSPB1 HSPB1 Ceramide HSPB1 Necrosis CASP7 HSPB1 HSPB1 CYCS CASP6 -Phosphate HSPB1 PAK1 MAP3K7 PAK2 MAP3K1 ARHGDIB Phosphate Phosphate DFFA actin Phosphate MAP2K4 DFFB Apoptosome HSPB1 SPTAN1 Phosphate CASP9 APAF1 Proteasome -▶ IFK-B Pathway MAPK8 APAF1 **Cell Survival** PRKDC CASP3 Phosphate RB1 DFFB PARP1 JUN LMNA LMNB1 LMNB2 **DNA** presentation Cut Inhibition Activate **Apoptosis Self-activation** Nucleus

Title: FAS pathway and Stress inductic