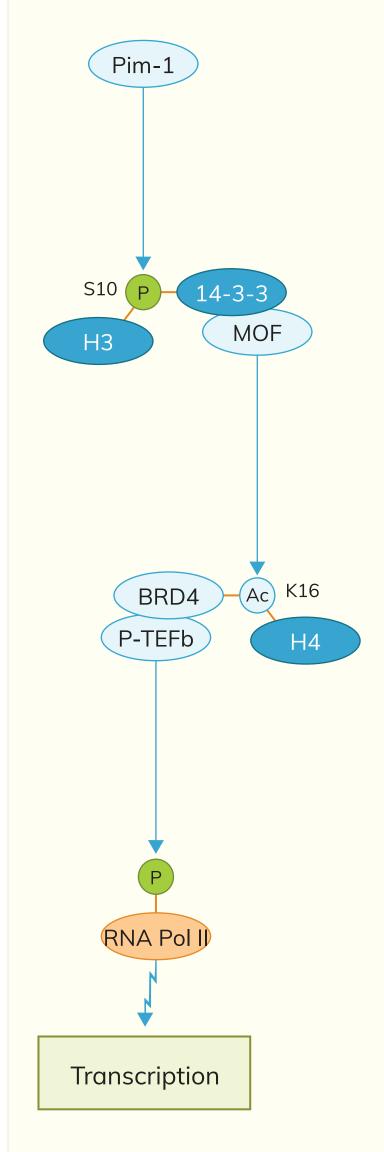
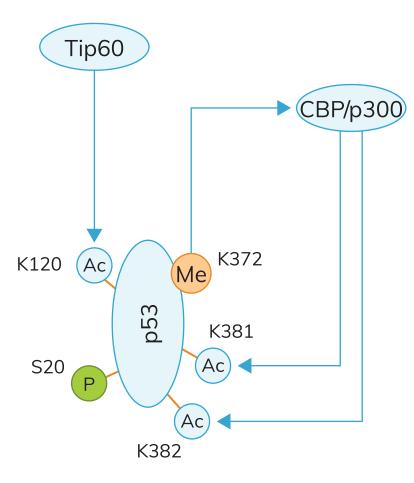
Translational Modification Crosstalk Signaling Pathway

Histone H3 Transcriptional Repression HP1 S10 K9 Me K14 Dissociation HATs HP1 HP1 GCN5 Aurora B Κ9 Ras H3 S10 K14 Transcriptional Activation

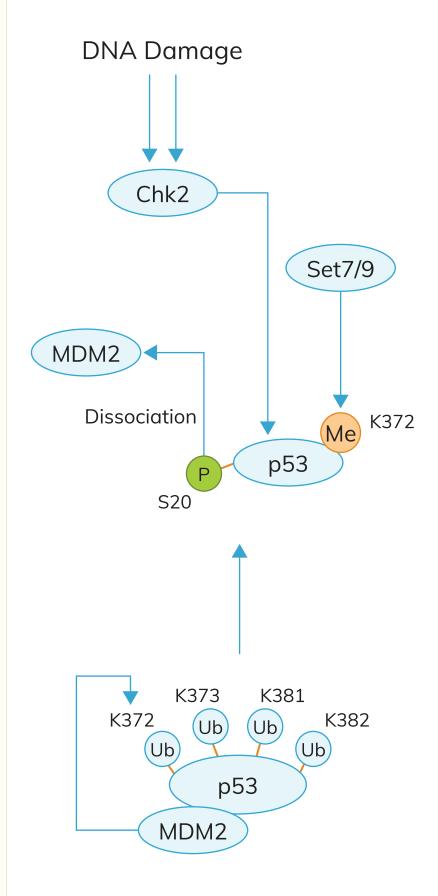
Histone H3 & H4



p53



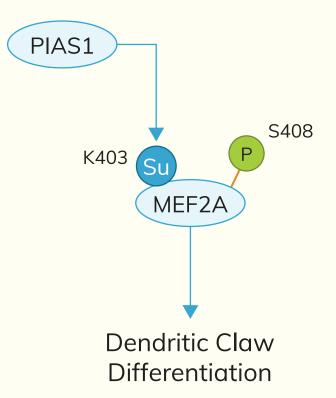
p53 Stability/ Transactivation of pro-apoptotictarget genes



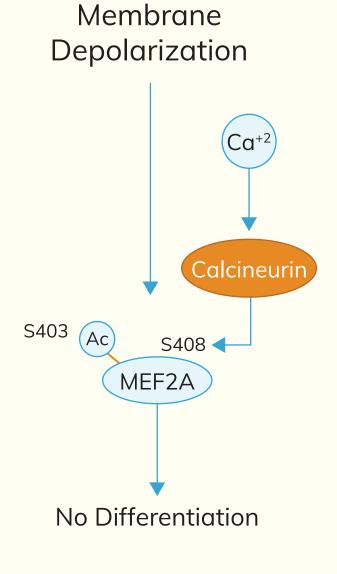
p53 Ubiquitination/ Degradation

MEF2A

Resting Neurons



Transcriptional Repression



Transcriptional Activation



