Inhibition of SUMO conjugation by Gam1 viral protein

Gam1 inhibits SUMO conjugation by interacting with Uba2, Aos1, Ubc9, and SENP to repress transcription factors.

Inhibition of SUMO conjugation by Reactive Oxygen Species

Reactive Oxygen Species (ROS) like H₂O₂ induce Oxidative stress, leading to the formation of C₁₇₃-S-S-C₉₃ through Uba2, Aos1, and Ubc9. SENP then cleaves the SUMO-targeted K protein, activating transcription factors.