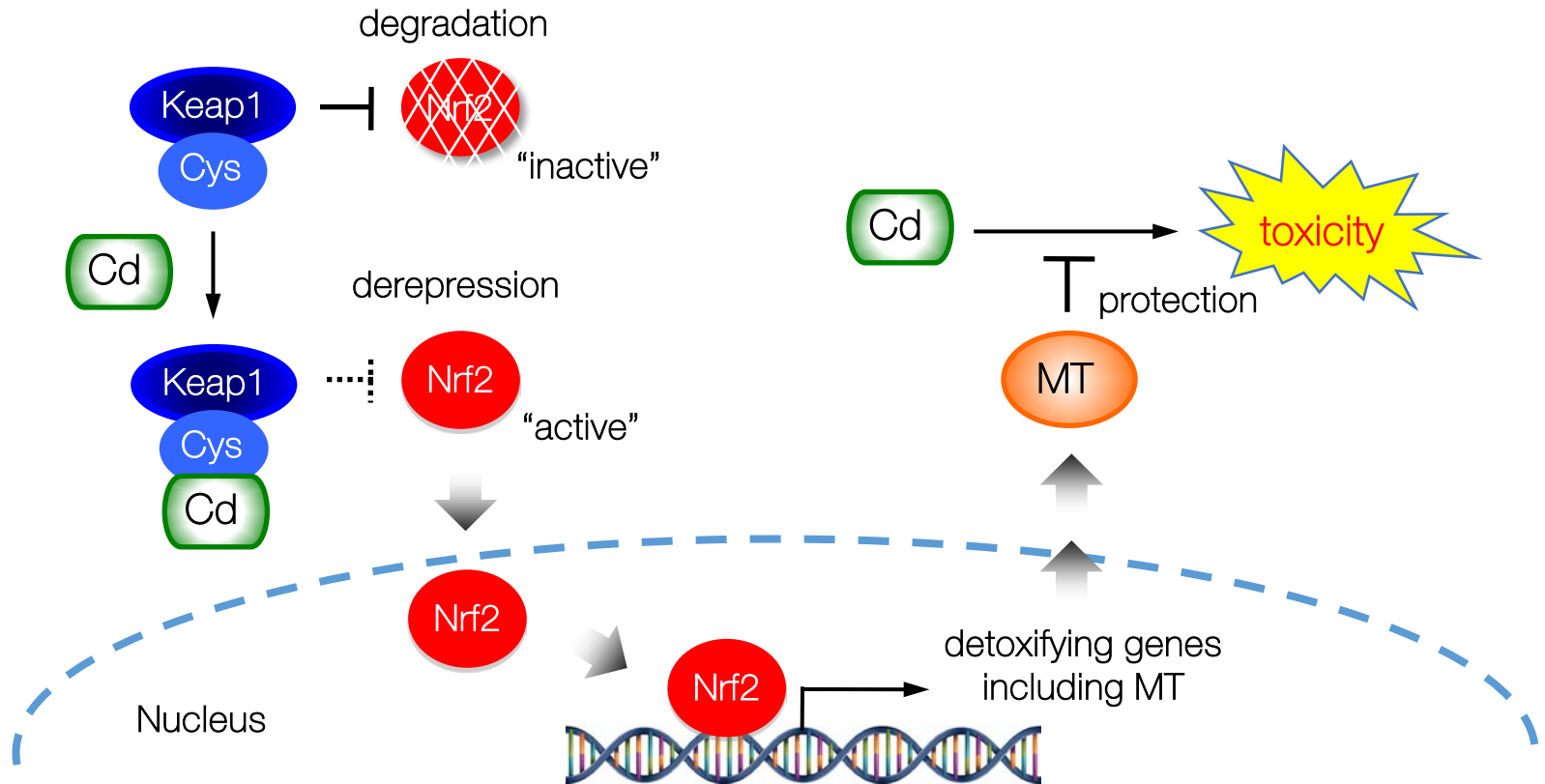


Partial contribution of the Keap1-Nrf2 system to cadmium-mediated metallothionein expression in vascular endothelial cells



This laboratory has found that cadmium (Cd) activates the Keap1-Nrf2 pathway, which causes enhancement of metallothionein (MT) expression through the recruitment of Nrf2 to the MT promoter, leading to cellular protection against cadmium toxicity in vascular endothelial cells.