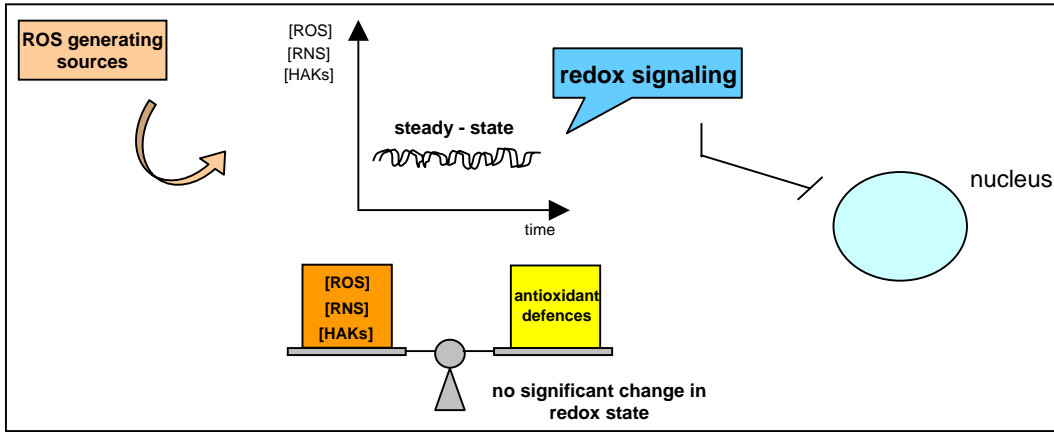
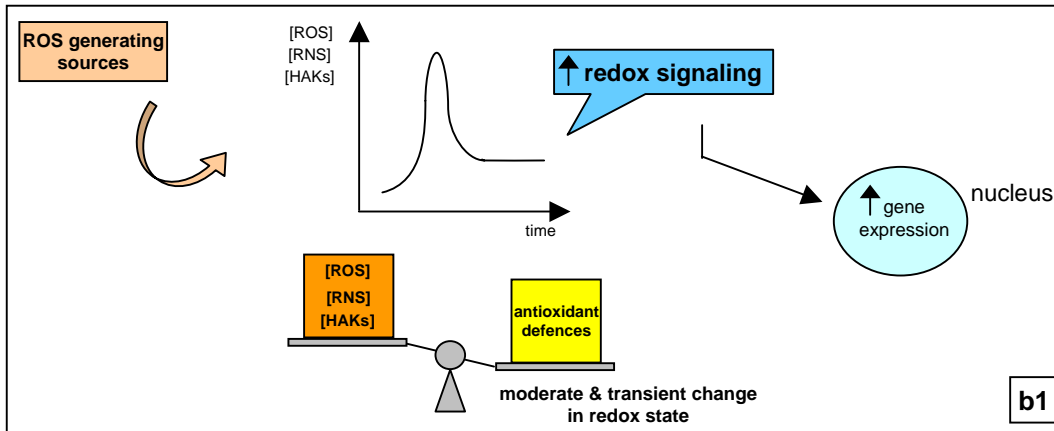


**a) Cells under physiological conditions**



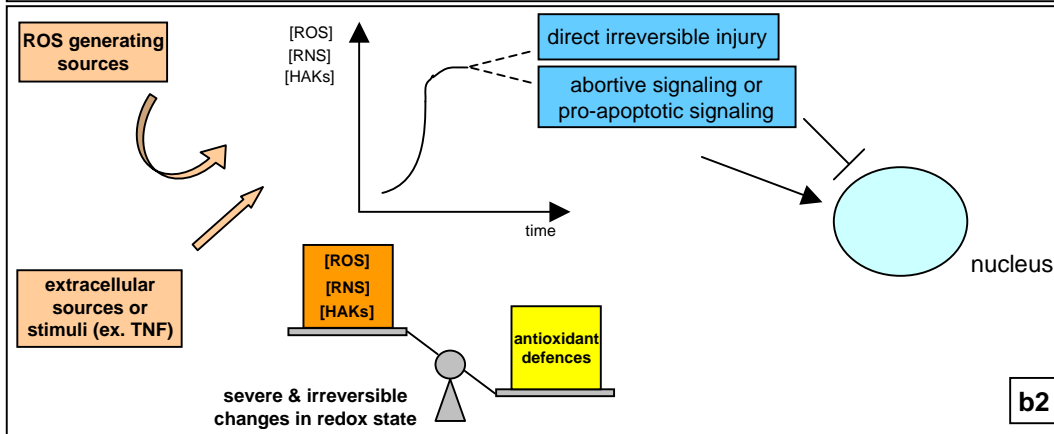
absence of redox-dependent responses

**b) Cells in which a significant level of intracellular ROS generation occur**

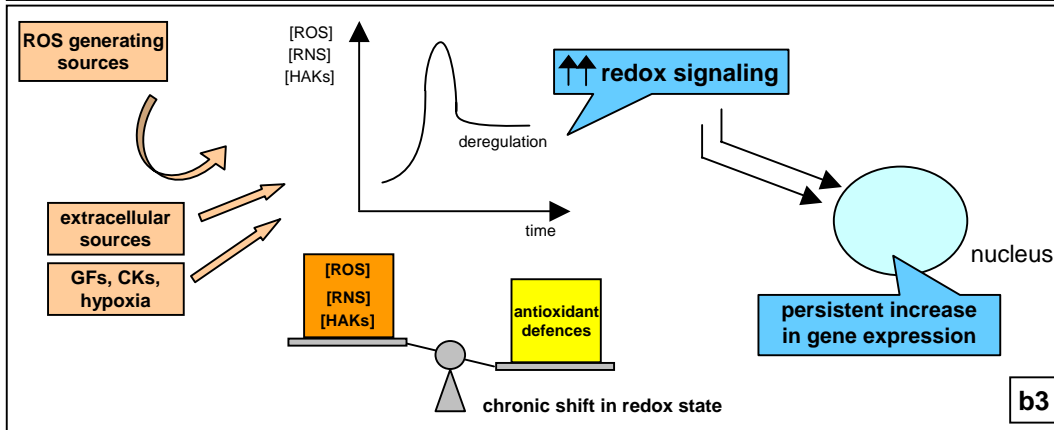


oxidative stress or anti-oxidative response

antioxidant defences



induction of cell death



up-regulation of different patterns of gene expression

pathological conditions