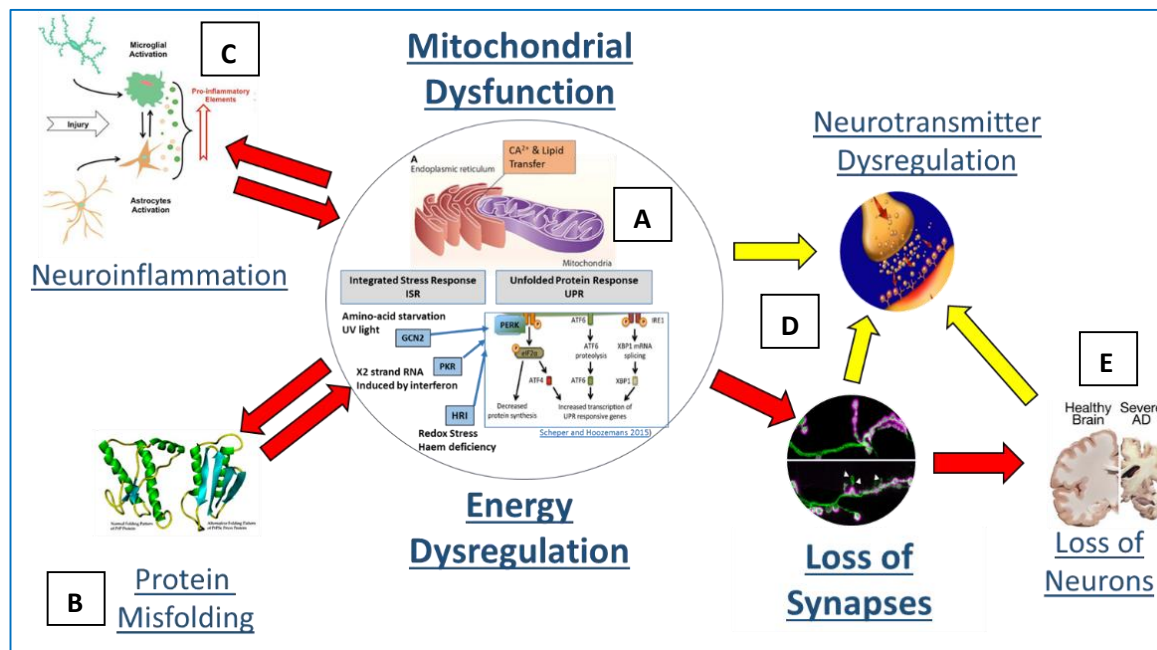


Figure #1 – Neurodegenerative Disorder Pathophysiology



The pathophysiology of neurodegenerative disorders is multifaceted and involves (a) activation of cellular stress responses, such as the integrated stress response (ISR) and the unfolded protein response (UPR), and mitochondrial dysfunction, (b) protein misfolding and deposition, (c) immune activation and neuroinflammation, (d) synaptic dysfunction and neurotransmitter dysregulation, and finally (e) loss of synapses followed axonal die-back and frank neurodegeneration.