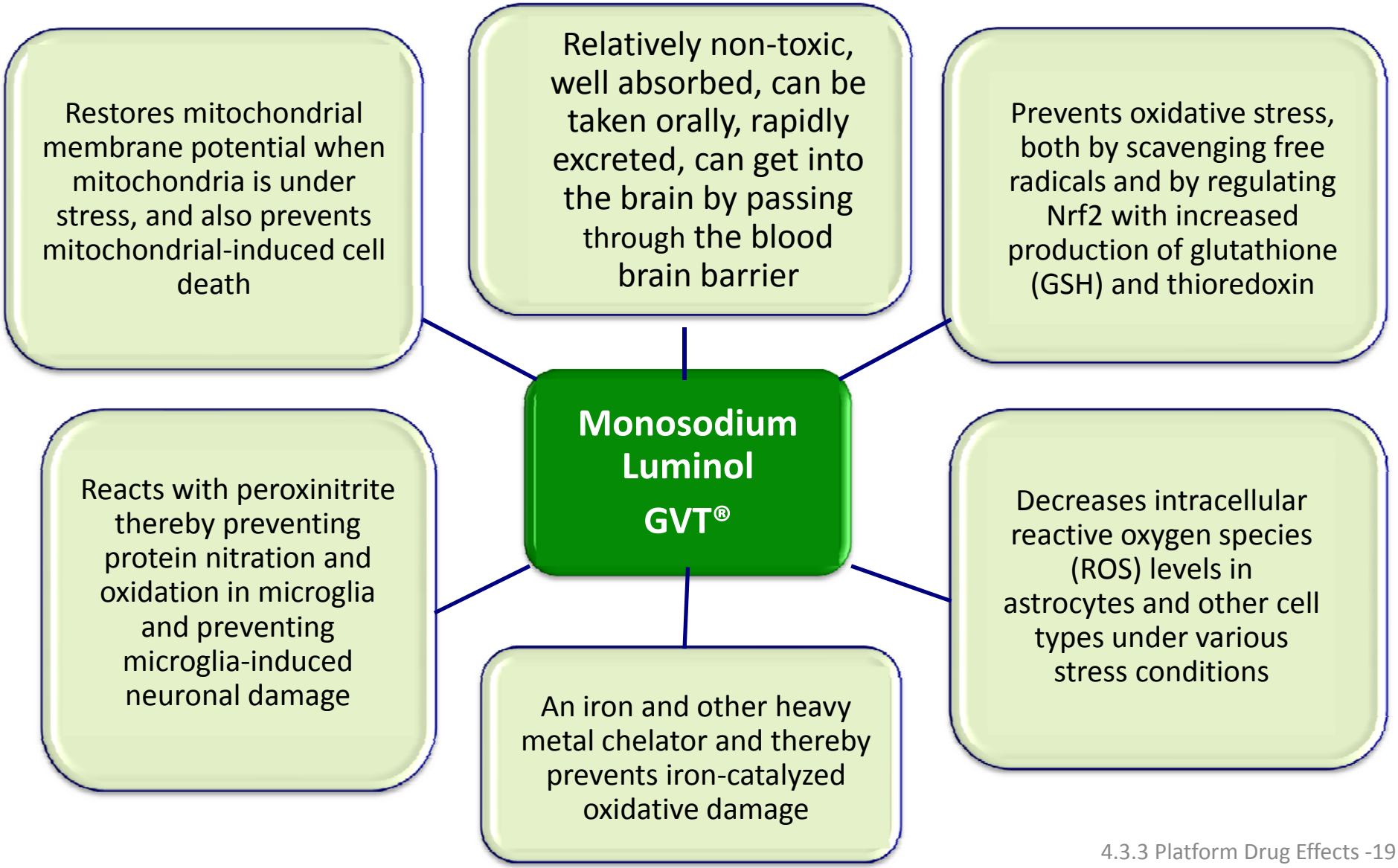
Effects


Restores mitochondrial membrane potential when mitochondria is under stress, and also prevents mitochondrial-induced cell death
Relatively non-toxic, well absorbed, can be taken orally, rapidly excreted, can get into the brain by passing through the blood brain barrier
Prevents oxidative stress, both by scavenging free radicals and by regulating Nrf2 with increased production of glutathione (GSH) and thioredoxin
Monosodium Luminol
GVT®
Reacts with peroxinitrite thereby preventing protein nitration and oxidation in microglia and preventing microglia-induced neuronal damage
Decreases intracellular reactive oxygen species (ROS) levels in astrocytes and other cell types under various stress conditions
An iron and other heavy metal chelator and thereby prevents iron-catalyzed oxidative damage