

Download Antioxidant Adaptation Its Role In Free Radical Pathology

Antioxidants are compounds that inhibit oxidation. Oxidation is a chemical reaction that can produce free radicals, thereby leading to chain reactions that may damage the cells of organisms. The notion that electrophiles serve as messengers in cell signaling is now widely accepted. Nonetheless, major issues restrain acceptance of redox homeostasis and redox signaling as components of maintenance of a normal physiological steady state. Chitin is the most abundant natural polysaccharide and chitosan is its most important derivative. Regardless of having various bioactivities, the water insolubilities of chitin and chitosan limit their applications in many industries. Normal molecular oxygen ($3 O_2$, so-called triplet oxygen) is a very unusual free-radical in that it has two unpaired electrons in outer orbitals (a double radical)., Antioxidant Adaptation Its Role In Free Radical Pathology.

Other Files :