AIM AND OBJECTIVES
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✓ Whether MeOH exposure can induce plasma superoxide and hydroxyl radical

✓ Whether MeOH exposure can induce alteration in the enzymatic antioxidant such as Superoxide Dismutase (SOD), Catalase (CAT) and Glutathione peroxidase (GPx)

✓ Whether MeOH exposure can induce alteration in the non enzymatic antioxidant such as Reduced Glutathione (GSH), Oxidised Glutathione (GSSG) and its ratio

✓ Whether MeOH exposure can induce alteration in the compounds such as protein thiol level and protein carbonyls

✓ Whether MeOH exposure can induce alteration in the Hsp 70 expression in the transcription or translation levels

✓ Whether MeOH exposure can induce alteration in C-Jun N-terminal kinase

✓ MeOH affects CNS. Whether MeOH exposure alters hypothalamus which is the head of autonomic ganglion

✓ Whether alteration in histology of kidney and liver cells is possible with this dosage during acute exposure (24 hrs)

✓ Whether alteration induced by MeOH fed controls and Folate deficient diet (FDD) fed animals, exposed to MeOH are the same

✓ Whether the alteration observed in brain, retina and optic nerve could be corrected completely or atleast partially with this dose of (100 mg/kg) LA