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Therapeutic detoxification of quercetin against carbon tetrachloride-induced acute liver injury in mice and its mechanism

Key words: Hepatotoxicity; Oxidative stress; Prx; Txnrd; Txn; Hmox-1; Nrf2

Research Summary

This study observes the therapeutic detoxification of quercetin, a well-known flavonoid, against CCl_4-induced acute liver injury *in vivo* and shows how it's engaged mechanism.

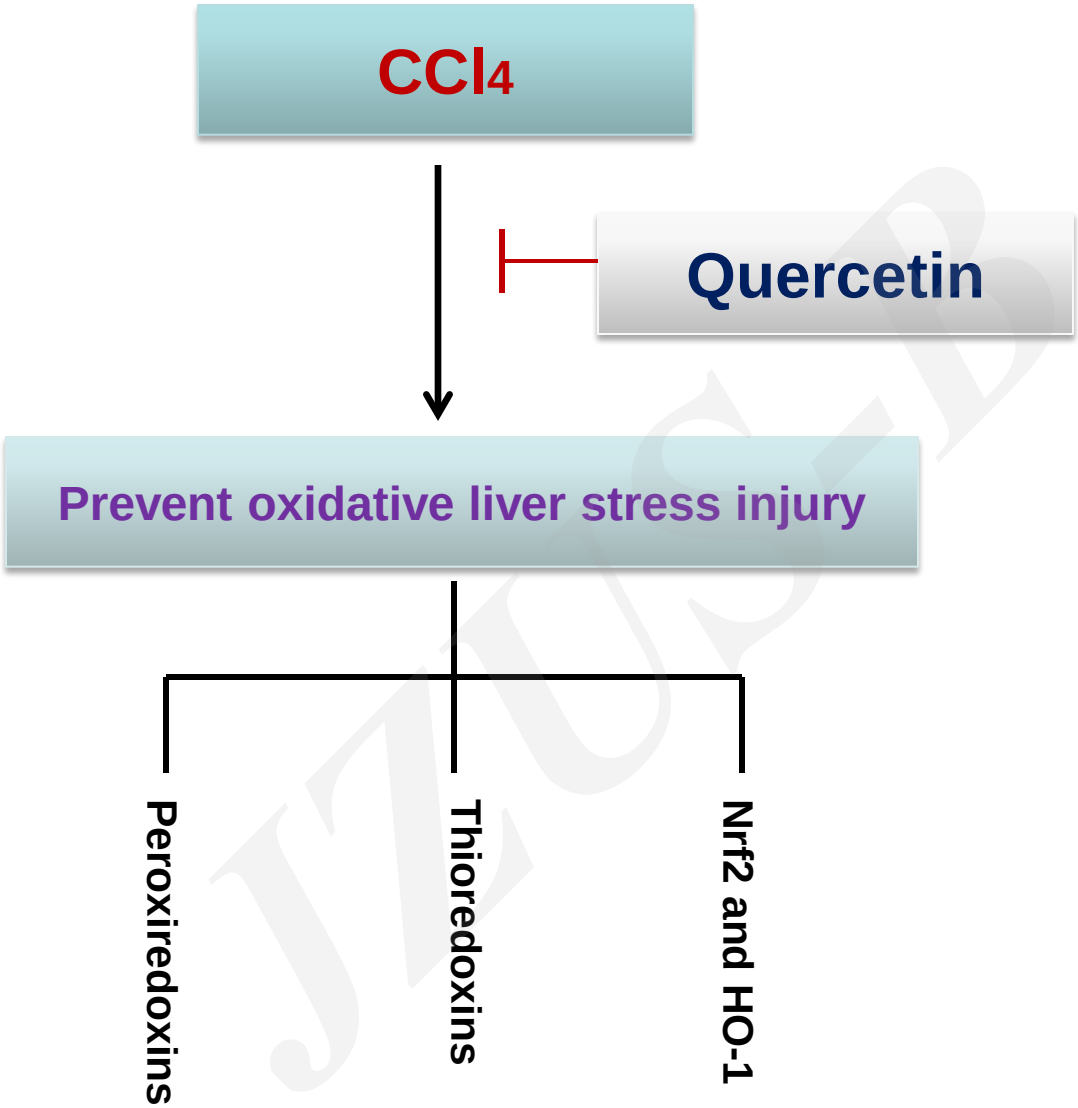




- **Peroxiredoxin Family**
- **Thioredoxin Family**
- **Nrf2 and HO-1**

Plays important roles in regulating such protection

JZUS-B


CCl4
Quercetin
Prevent oxidative liver stress injury
Peroxiredoxins
Thioredoxins
Nrf2 and HO-1