



## Arsenic induced hepatotoxicity in Swiss albino mice

Kukki • Rashmi • Monica Soren  
• Shahla Yasmin

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Corresponding Author : Shahla Yasmin

**Abstract :** *An experiment was conducted to investigate the hepatotoxic effects of arsenic trioxide on the liver function of Swiss albino mice and also to detect the possible ameliorative effect of L-ascorbic acid and garlic juice on arsenic- induced hepatotoxicity. Our study revealed significant changes in the SGOT and SGPT levels in the treated groups of mice. However, the administered doses of ascorbic acid and garlic extract were not found to ameliorate the influence of arsenic. On the basis of these results, we conclude that arsenic trioxide could have direct toxic effects on the liver when it is consumed even in minimal quantity for a short period of time.*

**Key words :** *Arsenic trioxide, ascorbic acid, garlic extract, liver, SGOT, SGPT.*