

THE EFFECT OF SILYMARINE EXTRACTED FROM *SILIBUM MARIANUM* SEEDS ON HISTOPATHOLOGICAL CHANGES IN MALE RABBITS LIVER AND KIDNEY INDUCED BY NICKEL CHLORIDE TOXICITY

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ABSTRACT

This study aimed to evaluate the protective effects of ethanolic extract from *Silybum marianum* seeds (silymarine) from north of Iraq against NiCl₂ toxicity induced his to pathological changes in liver and kidney of male rabbits. Thirty adult male rabbits were used as experimental animals to investigate the ameliorative effects of silymarine against toxicity of NiCl₂ on liver and kidney.

The results elevated that rabbits received nickel chloride(1 mg /100gm B.W) orally for 35 day showed his to pathological changes on tissue cells of liver and Kidney while silymarine extract (0.1mg/100gm B.W) ameliorated tissue damage.

KEYWORDS: Silymarin, Nickel, Rabbits, Liver and kidney