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LIVER FUNCTION TEST OF ALBINO RATS EXPOSED TO DI-N-BUTYL PHTHALATE

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ABSTRACT – The main purpose of this study was to investigate the effect of di-n-butyl phthalate on liver function of albino rats and to tests of the liver's capacity to transport organic anions and to metabolize drugs. Serum bilirubin was estimated and liver's biosynthetic capacity was observed by total Serum proteins and total serum cholesterol. A significant (P<0.01) rise in bilirubin was observed in rats of the both sexes. Whereas, a significant decrease in total protein and cholesterol was observed. Hepatocyte proliferations, infiltration of inflammatory cells were observed in liver of DBP exposed animals.

Key words : Di-n-butyl phthalate, Albino rats.