

**SUBCRONIC TOXICITY EFFECT OF MAHONI (*Swietenia mahagoni Jacq*)
SEED EXTRACT ON HISTOPATOLOGICAL VIEW OF MALE
KIDNEY'S MICES (*Mus musculus*)**

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ABSTRACT

The purpose of this research was to show the toxicity effect of subchronic on male mices kidney histopatology illustration which gave mahoni seed extract (*Swietenia mahagoni Jacq*). This research used 24 three month male mices (*Mus musculus*). Complete Randomized Design used at this research, with four groups of treatment and each group have six repetitions. The treatment P0 as the control given 0.5%CMC (Carboxymethylcellulose), P1 was given 3.64 mg/20 gram of weight, P2 was given 7.28 mg/20 gram of weight and P3 was given 10.92 mg/20 gram of weight and each of treatments are given 0.5 ml mahoni seed extract. Making the kidney histopatology is done in the 40th day. The obtain datas from the kidney histopatology were analyzed using Kruscal wallis and double pair's test (Z test) 5% significant grade. The result of this reseach shows that by mahoni seed extract damage kidney's mices histopatological on tubulus degeneration, tubuler necrosis and glomerulus necrosis ($p < 0.05$).

Key words : Mahoni seed, kidney histopatology, subchronic toxicity