ACUTE TOXICITY EFFECT OF MINDI’S LEAF  
(*Melia azadirachta L.*) EXTRACT TO LIVER HISTOPATOLOGY  
DESCRIPTION OF MICE (*Mus musculus*)

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ABSRACT

This research has been done to know the effect of acute toxicity of mindi’s leaf (*Melia azadirachta L.*) extraction to liver histopathology description of mice (*Mus musculus*). 32 mice age three month weight 25 grams, devided into two research 24 hours and 14 days, both devided into four treatment and four replicates. P1 as a control of *intra peritoneal*, P2 as a control of *per oral*, P3 as a treatment of intra peritoneal, and P4 as a treatment of per oral. The treatments were given once a day until days 14. The research of histopathology zooming 400x. Measurement of the liver change were considered insignificantly different at \( \alpha < 0.05 \). The result show that mindi’s leaf (*Melia azadirachta L.*) extract 5.57 mg/25 g of body weight caused a congestion, degeneration, and necrosis insignificantly case. The conclusion is mindi’s leaf extract applied didn’t cause a significant disturbance on liver and including a practically non toxic of traditional medicine.

*Key word*: Mindi’s leaf extract, toxicity, liver histopathology