

EFEK PEMBERIAN LARUTAN DIAZINON PER ORAL TERHADAP KERUSAKAN SEL-SEL TUBULI GINJAL MENCIT

The Effect of Diazinon Solution On Kidney's Cells In Mice

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ABSTRACT

One of the pesticides which very common to protect plants from the pest is diazinon. But this pesticide contain neurotoxic organophosphate bound. The organophosphate bound has also an effect on kidney's tissue. Recently the research about effect of diazinon still required. The study was carried out to observe the effect of diazinon on cells of tubuli renalis in mice. This study was used 30 mice, by random sampling became 6 groups. Three groups for controle (K1, K2 and K3) and three groups for treatment (P1, P2 and P3). The controle groups were give 0,5 ml aquadest and the treatment groups were given 150 ppm of 0,5 ml diazinon solution, up to 10, 20 and 40 days, for P1, P2 and P3 sub sequently. The results showed that the effects of diazinon solution given per oral for the difference time were caused difference damage level on cells of the tubuli renalis in mice.

Keywords: diazinon, cells of tubuli renalis