THE EFFECT OF GIVING VITAMIN C ON ENDSULFAN INDUCED IN HISTOPATHOLOGIC LIVER OF MICE (*Mus musculus*)

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ABSTRACT

The aim of this research was to determine that effect of vitamin C can decrease the damage of histopathologic mice liver were induced by Endosulfan. The sample of the research were 20 male mice which seven month ages. The number of treatment were four groups P(+), P(-), P1 and P2, each of group was divided into five mice were adopted for seven days. The treatment were given on the 8th days. Group P(+) as a negative control. P(-) were given Endosulfan doses of 3.2 mg/kg for 10 days per oral. P1 were given Endosulfan doses of 3.2 mg/kg for 10 days and vitamin C doses of 25 mg/kg for 7 days per oral. P2 were given Endosulfan doses of 3.2 mg/kg for 10 days and vitamin C doses of 50 mg/kg for 7 days per oral. On the 19th day of experimental animals dissected and taken to the liver organ preparations made preparations histopathologis liver of mice. This study used a completely randomized design (CRD), the data obtained were precessed with the Kruskal-wallis test. If there is real difference will be followed by Mann-Whitney test. Statistical analysis using SPSS. The result showed that vitamin C can reduced damage of histopathologic mice liver in degeneration, necrosis and inflamation.

*Keyword*: Endosulfan, Vitamin C, Liver Hispathology, Mice.