THE HISTOPATHOLOGICAL CHANGE OF LIVER IN MICE (Mus musculus) THAT INFECTED BY ORAL INFECTION TACHYZOITES STAGE OF Toxoplasma gondii.

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ABSTRACT

The aim of this research was to determine the histopathological change of the liver in mice (Mus musculus) that infected by oral infection tachyzoites of Toxoplasma gondii. Experimental animals used in this study were twenty mice (Mus musculus). Experimental animals were divided into four groups were given distilled water P0 0.2 ml, 10^3 infected P1, P2 and P3 were infected 10^4 10^5 tachyzoites infected T. gondii orally. Four days after the infection, liver of all were taken for histopathological preparations were made for further observation and scoring. Each of the liver of mice (Mus musculus) processed by hematoxylin eosin staining method. Result of statistically analized by Kruskal Wallis method and Mann-Whitney test. The results obtained from observations of necrosis of liver histopathological of mice (Mus musculus) that infected by T. gondii stage tachyzoites orally significantly different (p<0.05).

Key words: tachyzoite, Toxoplasma gondii, orally, necrosis, liver.