PENGARUH INFUSA MENGKUDU (Morinda citrifolia) TERHADAP HISTOPATOLOGI GINJAL MENCIT (Mus musculus) SETELAH PEMBERIAN PAKAN TINGGI LEMAK

Abstrak:

The purpose of the research is find out the effect of administration of Morinda citrifolia infusion to histological changes of mice's kidney after the high fat intake. Twenty five male mice with average weight 30 gram divided into five groups. Group I is negative control (PO-), got the standard feeding + 1 ml aguadest. Group II is positive control (PO+), got the high fat intake + 1 ml aguadest. The others are treatment groups including: P1, P2, P3 got high fat intake and 20%, 40%, 60% Morinda citrifolia infusion. After 30 days of the treatment mice were sacrificed and made the H. E staining histological preparation of the mice's kidney. Data analyses followed by H test and Wilcoxon's Rank Sum Test. The result followed: PO+, P1 showed the most severe cloudy swelling and glomerular enlargement, P2, P3 showed the severest medullary interstitial renal bleeding, PO-, P3 showed the mildest cortex interstitial renal bleeding.

Keyword:

Morinda citrifolia infusion, histopathology of mice's kidney