

Histopathological features of mice testes (*Mus musculus*) were exposed by Pb after given Beet fruit extract (*Beta vulgaris L.*)

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ABSTRACT

The purpose of this study was to know histopathological features changes of mice testes exposed by Pb after given beet fruit extract (*Beta vulgaris L.*). The study was conducted in August - September, 2015 at the Department of Veterinary Pathology, Faculty of Veterinary Medicine, Airlangga University. Twenty-five male mice (*Mus musculus*) aged 90 days with 25-30 g of body weight were used. These animals were divided into five groups (K-, K +, P1, P2, and P3) respectively each consist of five. K- were treated with CMC Na 0,5% 0.1 ml / kg / day, K + were treated with a Pb 20 mg / kg / day, P1 were treated with the extract bits of fruit 200 mg / kg / day followed by Pb dosis 20 mg/ kg/ day oral administired, P2 were treated with the extract bits of fruit 400 mg / kg / day followed by Pb dosis 20 mg/ kg/ day oral administired, and P3 were treated with the extract bits of fruit 800 mg / kg / day followed by Pb dosis 20 mg/ kg/ day oral administired respectively. Data were compared using ANOVA test. The results showed that the dosage of beet fruit extract 200 mg / kg / day influenced to histopatological features of mice testes from exposed by Pb.

Key words : Pb, testes, mice, *Beta vulgaris L.*