

THE EFFECT OF URINE EXTRACT POST-MENOPAUSAL WOMAN AND PREGNANT WOMAN ON THE FETAL NUMBER OF MICE(*Mus musculus*)

Bambang Dwi Sasongko

ABSTRACT

The purpose of this research is to know the effect of the urine extract post-menopause woman and pregnant woman on the fetal number of mice. In this experiment, total sample was 24 adult female mice of 3 to 4 month of age. All experiment animals were placed in the individual cage and divided into 4 group of treatments. Group I as a control group, group II was given 0,2 ml of urine extract, group III was given 0,4 ml of urine extract, group IV was given 0,8 ml of urine extract. All treatment were given subcutaneous (SC) injection of post-menopause urine at luteal phase for 3 consecutive days. Eight hour after post-menopause urine injection, experimental animals were injected 0,4 ml extract of urine of pregnant women. Estrus mice were then collacted with male mice for copulation. Data were tested by using ANOVA- SPSS, according to Santoso (2001). The result of the research indicated that there was no significant differences ($p>0.05$), between control group and all three treatment groups in fetal number of mice.

Key words : urine extract post-menopause of woman, urine extract of pregnant woman, number of mice