ABSTRACT

The purpose of this research was to know mimba leaf juice effect on quantity ovum to mice which infected Candida albicans. This research is a laboratory experimental research. Experimental animal that used are 40 female mice. The models was separated in random into 4 group consist of 1 group as a control and another 3 treatment group with 10 mice for each group. All of the female mice infected by Candida albicans 10^8 CFU as long as 5 days. Candida albicans infection could be known by vagina’s smear, that show macrofag cell and diestrus phase on the mice. After that, the control (P0) group feed by aquadest than P1 feed by mimba leaf juice 20 mg/kg BW/day dose, P2 by 40 mg/kg BW/day dose, and P3 feed by 80 mg/kg BW/day dose that feed per oral everyday for 18 days. This conclusion of this research are mimba leaf juice effect can rise of ovum quantity, two samples from P0 and P1 has 0 ovum, P2 has 15 ovum and P3 has 21 ovum.

Key words : Mimba leaf, Candida albicans, ovum