

## ABSTRACT

This study determined the angiogenic effect of *Bidens pilosa* (Amor seco) to the chorio-allantoic membrane of 10-day old chick embryo. The study aims to answer whether Amor seco extract will affect the angiogenic activity of the chorio-allantoic membrane of the 10-day old chick embryo and which of the different concentrations of Amor seco will prove to be a more potent angiogenic inhibitor. The effect of *Amor seco* extract on the chorio-allantoic membrane of the chick embryo was observed to determine the effect of the extract on how they can formed new blood vessels. Five eggs in each replicates were used in each treatment with different concentrations  $T_1 = 3\%$ ,  $T_2 = 6\%$ ,  $T_3 = 9\%$  and a negative control (distilled water) were used. And 0.3ml of the different concentrations of amor seco extract was applied in each egg and three days after the application of the *Amor seco* extract, the eggs were observed that new blood vessels are formed. And the determination of angiogenic effect of the *amor seco* extract on the chorio-allantoic membrane of the chick embryo, the number of formed blood vessels was observed. The blood vessels were observed using the dissecting microscope and the major branching blood vessels points were then counted.