



**COMPARATIVE EFFECTS OF CRUDE LEAF EXTRACT FROM
Ipomoea batatas (CAMOTE) AND *Momordica charantia* (AMPALAYA) ON
THE ANGIOGENESIS OF 14-DAY OLD DUCK EMBRYO
CHORIOALLANTOIC MEMBRANE (CAM)**

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ABSTRACT

The effect of *Ipomoea batatas* (Camote) and *Momordica charantia* (Ampalaya) on the CAM of 14-day old duck embryo are proven to inhibit angiogenesis. At the given concentrations, the Camote and Ampalaya crude leaf extract inhibited angiogenesis at 150ppm. The increase of concentration starting 200ppm to 300ppm showed that the Camote and Ampalaya crude leaf extract further inhibited angiogenesis. The study proves that both camote and ampalaya are effective inhibitory to angiogenesis. Thus, the results of the study shows that as the concentrations of Camote and Ampalaya crude leaf extract increase, the number of blood vessels decrease. Based on the results of the study, the effect of the Camote and Ampalaya crude leaf extract on angiogenesis of the CAM of a 14-day-old duck embryo is inhibitory. It decreases the formation of the number of blood vessels. It can help fight diseases like cancer.

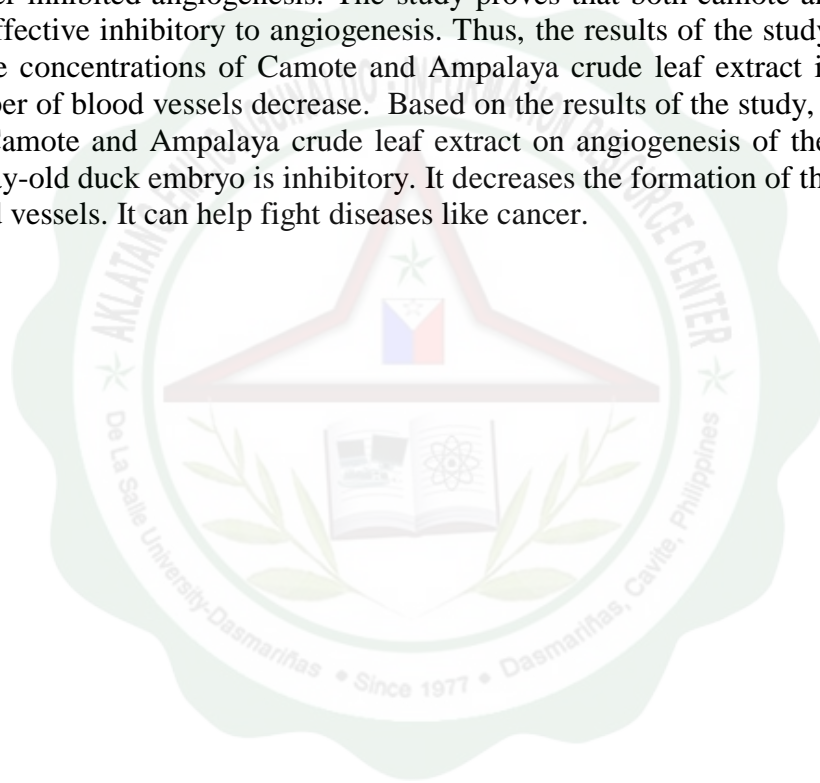




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