

COMPARATIVE STUDY ON THE WOUND HEALING POTENTIAL OF
***Basella rubra* M. (ALUGBATI), *Abelmoschus esculentus* L. (OKRA),**
AND *Brassica chinensis* L. (PETSAY) LEAVES CRUDE
EXTRACT ON THE INDUCED WOUND
OF *Mus musculus* (ALBINO MICE)



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CARLO FRANCISCO N. CORTEZ

ANALIZA L. SAYO

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ABSTRACT

The study used crude leaves extract from three herbal plants: alugbati, okra, and petsay as a topical treatment on the induced wound of albino mice. The healing rate of each test plant was measured in minutes for the parameters with occurrence not exceeding a week, and days for those more than a week. All treatments, including Terramycin for the positive control and water for the negative control were applied topically on the induced wound of the test animals. Time of healing rate was measured starting from the clotting period up to the growing back of fur. Based on observations, the three test plants; alugbati, okra, and petsay, have a healing effect on the wound. Between the three test plants, okra leaves crude extract has the fastest healing rate. There is no significant difference in the wound healing rate of the three test plants when compared with Terramycin. This confirms that the three test plants can be used as an alternative treatment.