



**EFFECTS OF *Capsicum annum* L. (GREEN BELL PEPPER) AND
Brassica oleraceae L. (BROCCOLI) TO SERUM CHOLESTEROL
LEVEL OF ALBINO RATS**

A Undergraduate Research Presented to the
Faculty of the Biological Sciences Department

College of Science

De La Salle University - Dasmariñas

Dasmariñas, Cavite

In Partial Fulfilment of the Requirements
for the Degree of Bachelor of Science Major in Human Biology

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March 2012



ABSTRACT

The potency of green bell pepper, *Capsicum annuum* L. and broccoli, *Brassica oleraceae* L. extracts in reducing cholesterol levels in the blood were examined in albino rats. Forty albino rats were randomly grouped into three. Each group was subjected to the administration of 25%, 50% and 75% of *C. annuum* and *B. oleraceae* extracts after hypercholesterolemia was induced. Both *C. annuum* and *B. oleraceae* extracts are capable of lowering the blood cholesterol levels to below the 240mg/dl range. Hence, there is no significant difference ($P>0.05$) on the efficacy of both plant extracts in reducing blood sugar. Seventy five percent (75%) extract was found to be the most effective concentration to reduce blood cholesterol level.



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