

**ANTIOXIDANT ACTIVITY OF *Punica granatum* (POMEGRANATE)**  
**CRUDE EXTRACTS ON THE CHOLESTEROL LEVEL OF**  
***Rattus rattus* (ALBINO RAT)**

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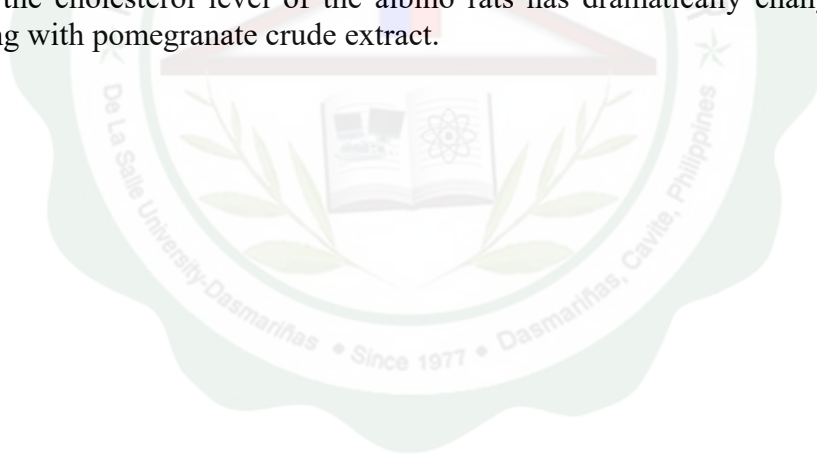
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## ABSTRACT

The study compared the effects of different dosing frequencies of *Punica granatum* (Pomegranate) crude extracts on the cholesterol level of *Rattus rattus* (Albino Rat). The different dosing frequencies used were 0 mL for T0, 3 mL for T1, 5 mL for T2 and 7 mL for T3. The study was conducted from July to November 2006. Twenty male albino rats were bought at BFAD Alabang, Muntinlupa. They were acclimatized for one week. After a week of acclimatization, twelve male rats were randomly chosen for the study. They were given a high fat diet. After one week, blood was extracted and the initial cholesterol level was determined. Every two weeks, blood extraction was conducted by cardiac puncture to see whether there is a significant difference among different concentration given in the albino rats. The cholesterol level of the albino rats was determined. There was a decrease in cholesterol level so the pomegranate crude extract have antioxidant property. Statistically, there is a significant difference among different concentration given in the albino rats. Also, the cholesterol level of the albino rats has dramatically changes after treating with pomegranate crude extract.



## TABLE OF CONTENTS

Title Page	1
Approval Sheet	2
Abstract	3
Acknowledgement	4
Table of Contents	5
List of Tables	40
List of Plates	46
<b>CHAPTER 1 INTRODUCTION</b>	
1.1 Background of the Study	7
1.2 Conceptual Framework	9
1.3 Statement of the Problem	9
1.4 Scope and Limitations	10
1.5 Significance of the Study	10
1.6 Definition of Terms	11
<b>CHAPTER 2 LITERATURE REVIEW</b>	
2.1 Conceptual Literature	13
2.2 Related Studies	17
<b>CHAPTER 3 METHODOLOGY</b>	

3.1 Research Design	23
3.2 Research Settings	23
3.3 Research Procedure	23
3.4 Data Gathering and Statistical Analysis	25
CHAPTER 4 RESULTS AND DISCUSSION	
4.1 Results	26
4.2 Discussion	29
CHAPTER 5 SUMMARY, CONCLUSION AND RECOMMENDATIONS	
5.1 Summary	34
5.2 Conclusion	35
5.3 Recommendations	36
Cited References	37
Appendices	
A. Raw Data	40
B. Photo documentation	46
C. Curriculum Vitae	52