



**STREET FOOD SAUCES MICROBIAL ASSESSMENT AND
SUSCEPTIBILITY STATUS OF *Escherichia coli*,
Salmonella spp., AND *Staphylococcus aureus*
ISOLATES TO ANTIBIOTICS**



An Undergraduate Research Presented to the
Faculty of the Biological Sciences Department
College of Science
De La Salle University - Dasmariñas
Dasmariñas, Cavite

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

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March 2012



ABSTRACT

This study evaluated the street food sauces microbial quality and susceptibility status of *Escherichia coli*, *Salmonella* spp., and *Staphylococcus aureus* isolates to antibiotics. Collected street food sauces from different street food stalls outside DLSU- D Gate 1 and Kadiwa market underwent serial dilution used in pour plate method for total bacterial count and coliform count. The results showed that all sauces exceeded the acceptable level for assessing microbial quality of foods making it potentially infectious. *S. aureus* were present in all street food sauces from stalls in both sampling sites and only few *E. coli* were present in some street food sauces from stalls in Kadiwa market. Isolates of these specific bacteria were subjected to Kirby- Bauer method of antimicrobial sensitivity testing. Most *S. aureus* and *E. coli* isolates showed susceptibility to specific antibiotics introduced for each. However, there was one *E. coli* and one *S. aureus* isolate that showed resistance to Ampicillin (75 mcg) and Pencillin G (10 units) respectively.



TABLE OF CONTENTS

Title Page	1
Approval Sheet	2
Acknowledgments	3
Abstract	4
Table of Contents	5
CHAPTER 1 INTRODUCTION	
1.1 Background of the Study	7
1.2 Conceptual Framework	9
1.3 Statement of the Problem	10
1.4 Hypotheses	10
1.5 Scope and Limitations	11
1.6 Significance of the Study	12
1.7 Definition of Terms	13
CHAPTER 2 LITERATURE REVIEW	
2.1 Conceptual Literature	14
2.2 Related Studies	22
CHAPTER 3 METHODOLOGY	
3.1 Research Design	25
3.2 Research Setting	25
3.3 Research Procedure	26



3.4 Data Gathering and Statistical Analysis	29
CHAPTER 4 RESULTS AND DISCUSSION	30
CHAPTER 5 CONCLUSION AND RECOMMENDATION	42
Cited References	44
Appendices	
A. Map of Study Site	48
B. Standard Procedure	50
C. Raw Data	58
D. Photodocumentation	64
E. Gantt Chart	71
F. Budgetary Requirement	72
Curriculum Vitae	73

