A mechanism of blood pressure elevation related with a high-fat diet in rats:

Involvements of metabolic and hormonal pressor factors on sympathetic nervous activity and blood pressure
CONTENTS

LIST OF SCIENTIFIC PAPERS-------------------------------------------------------------1
LIST OF ABBREVIATIONS---------------------------------------------------------------2
CHAPTER 1: PREFACE-------------------------------------------------------------3
CHAPTER 2: REVIEW OF PREVIOUS REPORTS---------------------------------------------4
CHAPTER 3: OBJECTIVES------------------------------------------------------------9
CHAPTER 4: HIGH-FAT DIET-INDUCED BLOOD PRESSURE ELEVATION IN RATS RELATED TO METABOLIC, HORMONAL AND NEURAL ALTERATIONS IN RATS---------11
CHAPTER 5: ELEVATION OF RENAL SYMPATHETIC ACTIVITY AND BLOOD PRESSURE IN RATS ON HIGH-FAT DIET---------24
CHAPTER 6: LEPTIN INJECTION INTO WHITE ADIPOSE TISSUE ELEVATES RENAL SYMPATHETIC NERVE ACTIVITY DOSE-DEPENDENTLY THROUGH THE AFFERENT PATHWAY IN RATS---------------------------------------------36
CHAPTER 7: INSULIN INCREASES BLOOD FLOW RATE IN THE MICROVASCULATURE OF CREMASTER MUSCLE OF RATS-------------------------------------------------------------43
CHAPTER 8: GENERAL DISCUSSION------------------------------------------------------53
CHAPTER 9: SUMMARY---------------------------------------------------------------56
CHAPTER 10: ACKNOWLEDGMENTS-------------------------------------------------------58
REFERENCES-------------------------------------------------------------------------59