Faculty of Science
Biochemistry Department

Assessment of citrus peel extract on lipid metabolism and acyl coenzyme A oxidase enzyme mRNA level in rats under high fat diet induced obesity.

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(B.Sc. in Biochemistry, 2006)

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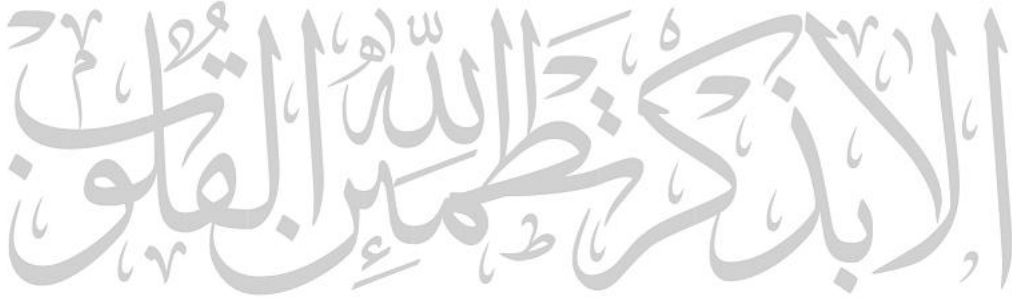

صدق الله العظيم

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This thesis has not been submitted for a degree at this or any other university

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Dedication

I would like to dedicate this thesis to whom I am greatly indebted.

…….To my father's spirit

……..To my mother

(The merciful, supportive and beloved persons in my life).

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LIST OF CONTENTS

LIST OF FIGURES

LIST OF ABBREVIATIONS

Abb.	Full Name
ACO	Acyl coenzyme A oxidase
AgRP	Agouti-related peptide
AI	Arthogenic index
AIN	American Institute of Nutrition
ATP	Adenosine triphosphate
BMI	Body Mass Index
cAMP	Cyclic Adenosine monophosphate
ºC	Celsius
CCK	Cholecystokinin
cDNA	Complementary deoxyribonucleic acid
CNS	Central nervous system
CVD	Cardiovascular Disease
DENV-2	Dengue Virus type-2
DHA	Docosahexaenoic acid
DNA	Deoxyribonucleic acid
EDTA	Ethylenediaminetetraacetic acid
ELISA	Enzyme Linked Immunosorbent Assay
EPA	Eicosapentaenoic acid
ETF	Electron transferring flavoprotein
FAD	Flavin Adenine Dinucleotide