

Metabolic and Hepatic Effects Of Partial Lipectomy In Ovariectomized young and aged rats

Thesis

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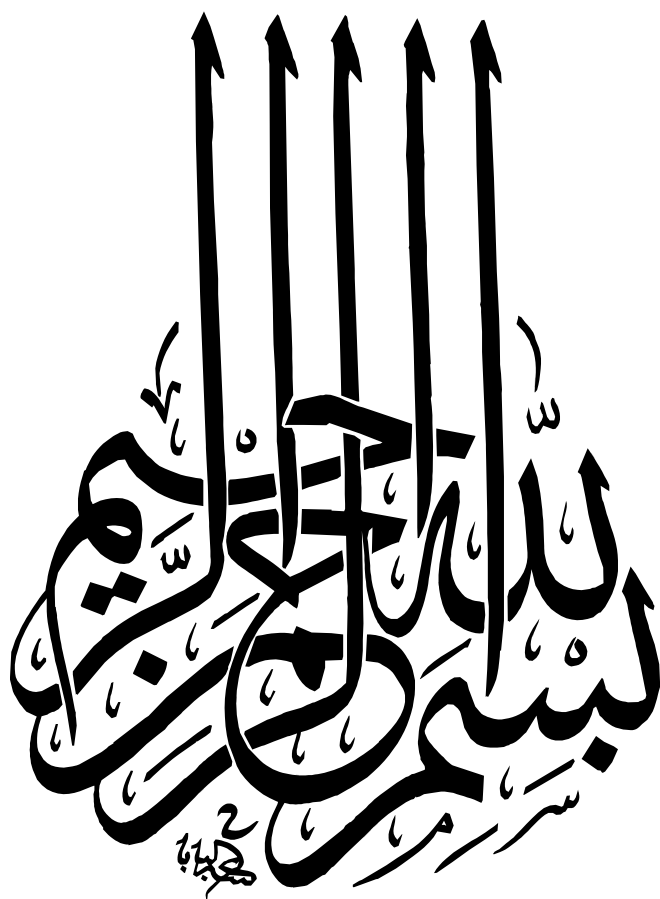
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TO MY

FAMILY

Contents

	Page
Introduction	1
Aim of work	4
Review of literature	5
Materials and methods	79
Results	118
Discussion	187
Summary and conclusion	217
References	221
Appendix for Individual tables	
Protocol	
Arabic summary	

List of Tables

NO.	Title	Page
1	Changes of percentage increase in body weight (% BW) , percentage change in BMI (%), absolute perirenal fat, and its relative weight to total body weight (%), absolute liver weight, and its relative weight to total body weight in young groups	133
2	Changes of plasma levels of triglycerides (TG, mg/dl), total cholesterol (mg/dl), high density lipoproteins (HDL, mg/dl), low density lipoproteins (LDL, mg/dl) and atherogenic index, in young groups	134
3	Changes of plasma levels of fasting blood sugar (FBS,mg%), total proteins (g/dl), albumin (g/dl), alanine transferase (ALT, IU/L) and aspartate transferase (AST, IU/L),in young groups	135
4	Changes of plasma levels of malondialdehyde (MDA, nmol/ml), blood reduced glutathione (GSH, mg/dl) and hepatic levels of reduced glutathione (GSH, mg/g tissue), in young groups	136
5	Changes of plasma levels of leptin (pg/ml) and adiponectin (ng/ml) in young groups	137
6	Changes of size of perirenal fat cells (μm^2) in young groups	138
7	Changes of percentage increase in body weight (% BW) , percentage change in BMI (%), absolute perirenal fat, and its relative weight to total body weight (%), absolute liver weight, and its relative weight to total body weight in aged groups	162
8	Changes of plasma levels of triglycerides (TG, mg/dl), total cholesterol (mg/dl), high density lipoproteins (HDL, mg/dl), low density lipoproteins (LDL, mg/dl) and atherogenic index, in aged groups	163
9	Changes of plasma levels of fasting blood sugar (FBS,mg%), total proteins (g/dl), albumin (g/dl), alanine transferase (ALT, IU/L) and aspartate transferase (AST, IU/L),in aged groups	164
10	Changes of plasma levels of malondialdehyde (MDA, nmol/ml), blood reduced glutathione (GSH, mg/dl) and hepatic levels of reduced glutathione (GSH, mg/g tissue), in aged groups	165
11	Changes of plasma levels of leptin (pg/ml) and adiponectin (ng/ml) in aged groups	166
12	Changes of size of perirenal fat cells (μm^2) in aged groups	167

List of Figures

NO.	Title	Page
1	Weight changes over time in young 5 wks groups	119
2	Weight changes over time in young 10 wks groups	119
3	The ratio of lipectomized fat to body weight was positively correlated to relative liver weight, fasting blood glucose, atherogenic index, fat cell size and leptin and was negatively correlated to HDL-C blood and GSH in young lipectomized groups.	129
4	Photomicrographs of liver, aorta, visceral adipose tissue of sham-operated young rat	140
5	Photomicrographs of liver of 5wks ovariectomized and 5wks ovariectomized-1wk lipectomized young rats	142
6	Photomicrographs of liver of 10wks ovariectomized and 10wks ovariectomized-6wks lipectomized young rats	144
7	Photomicrographs of aorta of 5wks ovariectomized, 5wks ovariectomized-1wk lipectomized, 10wks ovariectomized and 10wks ovariectomized-6wks lipectomized young rats	146
8	Photomicrographs of visceral adipose tissue of 5wks ovariectomized, 5wks ovariectomized-1wk lipectomized, 10wks ovariectomized and 10wks ovariectomized-6wks lipectomized young rats	148
9	Weight changes over time in aged 5 wks groups	149
10	Weight changes over time in aged 10 wks groups	149
11	The ratio of lipectomized fat to body weight was positively correlated to plasma levels of total proteins in aged groups	159
12	Photomicrographs of liver, aorta, visceral adipose tissue of sham-operated aged rat	169
13	Photomicrographs of liver of 5wks ovariectomized and 5wks ovariectomized-1wk lipectomized aged rats	171
14	Photomicrographs of liver of 10wks ovariectomized and 10wks ovariectomized-6wks lipectomized aged rats	173
15	Photomicrographs of aorta of 5wks ovariectomized, 5wks ovariectomized-1wk lipectomized, 10wks ovariectomized and 10wks ovariectomized-6wks lipectomized aged rats	175
16	Photomicrographs of visceral adipose tissue of 5wks ovariectomized, 5wks ovariectomized-1wk lipectomized, 10wks ovariectomized and 10wks ovariectomized-6wks lipectomized aged rats	177

List of Figures

NO.	Title	Page
17	Changes of percentage increase in body weight (BW) in young groups	179
18	Changes of percentage increase in body weight (BW) in aged groups	179
19	Changes of percentage change in body mass index (BMI) in young groups	179
20	Changes of percentage change in body mass index (BMI) in aged groups	179
21	Changes of relative perirenal fat weight in young groups	180
22	Changes of relative perirenal fat weight in aged groups	180
23	Changes of relative liver weight in young groups	180
24	Changes of relative liver weight in aged groups	180
25	Changes of triglycerides in young groups	181
26	Changes of triglycerides in aged groups	181
27	Changes of total cholesterol in young groups	181
28	Changes of total cholesterol in aged groups	181
29	Changes of high density lipoproteins (HDL-C) in young groups	182
30	Changes of high density lipoproteins (HDL-C) in aged groups	182
31	Changes of low density lipoproteins (LDL-C) in young groups	182
32	Changes of low density lipoproteins (LDL-C) in aged groups	182
33	Changes of atherogenic index in young groups	182
34	Changes of atherogenic index in aged groups	182
35	Changes of fasting blood glucose in young groups	183
36	Changes of fasting blood glucose in aged groups	183

List of Figures

NO.	Title	Page
37	Changes of total proteins in young groups	183
38	Changes of total proteins in aged groups	183
39	Changes of albumin in young groups	183
40	Changes of albumin in aged groups	183
41	Changes of alanine transaminase (ALT) in young groups	184
42	Changes of alanine transaminase (ALT) in aged groups	184
43	Changes of aspartate transaminase (AST) in young groups	184
44	Changes of aspartate transaminase (AST) in aged groups	184
45	Changes of malondialdehyde (MDA) in young groups	185
46	Changes of malondialdehyde (MDA) in aged groups	185
47	Changes of blood reduced glutathione (GSH) in young groups	185
48	Changes of blood reduced glutathione (GSH) in aged groups	185
49	Changes of hepatic reduced glutathione (GSH) in young groups	185
50	Changes of hepatic reduced glutathione (GSH) in aged groups	185
51	Changes of leptin in young groups	186
52	Changes of leptin in aged groups	186
53	Changes of adiponectin in young groups	186
54	Changes of adiponectin in aged groups	186
55	Changes of perirenal fat cell size in young groups	186
56	Changes of perirenal fat cell size in aged groups	186

List of Abbreviations

ACTH	Adrenocorticotrophic Hormone
AdipoR1	Adiponectin receptor 1
AdipoR2	Adiponectin receptor 2
Alb-LMW	Albumin bounded LMW form
ALT	Alanine transaminase
AMPK	AMP-activated protein kinase
aP2	Adipocyte protein 2
ARC	Arcuate nucleus of the hypothalamus
ASP	Acylation stimulation protein
AST	Aspartate transaminase
BAT	Brown adipose tissue
BMI	Body mass index
BW	Body weight
C-peptide	Insulin Collecting Peptide
CRP	C-reactive protein
DEXA	Dual X-ray Absorptiometry
DHEA-S	Dehydroepiandrosterone-Sulphate
ER	Endoplasmic reticulum
ER- α	Estrogen receptor-alpha
ER- β	Estrogen receptor-beta
EWAT	Epididymal white adipose tissue
FA	Fatty Acids

fAPN	Full-length adiponectin
FFA	Free Fatty Acids
FIZZ3	Hormone Resistin
gAPN	Globular adiponectin
GIP	Glucose-dependent Insulinotropic Polypeptide
GLUT4	Glucose transporter 4
GnRH	Gonadotropin releasing hormone
GSH	Reduced glutathione
HGP	Hepatic glucose production
HMG-CoA	3-hydroxy-3-methyl glutaryl co-enzyme A
HMW	High molecular weight
IGF-1	Insulin-like growth factor-1
IL-6	Interleukin-6
IWAT	Inguinal white adipose tissue
JAKs	Receptor-associated kinases of the Janus family
LMW	Low molecular weight adiponectin
LRYGB	Laparoscopic Roux-en-Y Gastric Bypass
MAD cells	Mesenchymal Adipocyte-like Default cells
MAPK	Mitogen-activated Protein Kinase
MC4	Melanocortin receptor 4
MIP-1 α	Macrophage Inflammatory Protein-1alpha
MMW	Medium molecular weight adiponectin
mTOR	Mammalian target of rapamycin

NAFLD	Non alcoholic fatty liver disease
NEFA	Non-esterified fatty acid
NPY	Neuropeptide Y
PAI -1	Plasma angiotensin converting enzyme inhibitor -1
PMAT	Parametrial white adipose tissue
POMC	Proopiomelanocortin
PPAR γ 2	Peroxisome proliferator-activated receptor gamma 2
PPARgene	Peroxisome proliferator-activated receptors
PPAR- δ	Peroxisome proliferator-activated receptor- delta
PTP1B	Protein tyrosine phosphatase 1B
RBP4	Retinol binding protein-4
Rd	Glucose disappearance rate
REE	Resting energy expenditure
RET	Retroperitoneal white adipose tissue
SAT	Subcutaneous adipose tissue
SF1	Steroidogenic factor-1
SOCS3	Suppressor of cytokine signaling 3
SREBP-1c	Sterol Regulatory Element-Binding Protein-1c
STATs	Signal transducers and activators of transcription
T3	Triiodothyronine
T4	Thyroxine
TG	Triacylglycerol

TNF- α	Tumor Necrosis Factor alpha
TSH	Thyroid stimulating Hormone
UAM	Ultrasound-assisted megalipoplasty
UCP-1	Uncoupling protein-1
UPR	Unfolded protein response
VAT	Visceral adipose tissue
VMHN	Ventromedial hypothalamic nucleus
WAT	White adipose tissue

List of Individual Tables

i	Initial BW (g), final BW (g) and percentage change in BW (%) in young 5 wks rats
ii	Initial BW (g), final BW (g) and percentage change in BW (%) in young 10 wks rats
iii	Initial BMI (g/cm^2), terminal BMI (g/cm^2), change in BMI (g/cm^2) and percentage of change in BMI (%) in young 5 wks rats
iv	Initial BMI (g/cm^2), terminal BMI (g/cm^2), change in BMI (g/cm^2) and percentage change in BMI (%) in young 10 wks Sham-operated (control) rats
v	Absolute perirenal fat (g) and liver weight (g) and their relative weight to body weight (%) in young 5wks rats
vi	Absolute perirenal fat (g) and liver weight (g) and their relative weight to body weight (%) in young 10wks rats
vii	Fasting blood sugar FBS (mg%) in the different studied young groups
viii	Plasma levels of triglycerides TG (mg/dl), total cholesterol (mg/dl), high density lipoproteins HDL (mg/dl), and low density lipoproteins LDL (mg/dl) and atherogenic index in young 5 wks sham-operated (control) rats
ix	Plasma levels of triglycerides TG (mg/dl), total cholesterol (mg/dl), high density lipoproteins HDL (mg/dl), low density lipoproteins LDL (mg/dl) and atherogenic index in young 5 wks ovariectomized rats
x	Plasma levels of triglycerides TG (mg/dl), total cholesterol (mg/dl), high density lipoproteins HDL (mg/dl), low density lipoproteins LDL (mg/dl) and atherogenic index in young 5 wks ovariectomized rats subjected to subcutaneous lipectomy of 1 wk duration
xi	Plasma levels of triglycerides TG (mg/dl), total cholesterol (mg/dl), high density lipoproteins HDL (mg/dl), low density lipoproteins LDL (mg/dl) and atherogenic index in young 10 wks sham-operated (control) rats