

Study of Uterine Contractions in Pregnant Diabetic Rats: Role of Oxidative Stress

Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وَأَنْزَلَ اللَّهُ عَلَيْكَ
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This work is dedicated to . . .

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List of Abbreviations

Abb.	Full Name
AGEs	Advanced Glycation End Products
AKT	Serine / Threonine Protein Kinase
ALANO	Alanine nitric oxide signaling pathway
BMI	Body mass index
CS	Caesarean section
DAG	Diacyl Glycerol
EC	Effective concentration
eNOS	Endothelial Nitric Oxide Synthase
GDM	Gestational diabetes mellitus
GLUT	Glucose Transporter
HBP	Hexosamine biosynthetic pathway
HMG coA reductase	3-hydroxy-3-methyl-glutaryl-CoA reductase
IL	Interlukin
IP	Intraperitoneal
IP3	Inositol triphosphate
IR	Insulin Receptor
MCP	Monocyte chemoattractant protien
MDA	Malondialdehyde
MLCK	Myosin light -chain kinase
MLCP	Myosine light-chain phosphatse
MODY	Maturiy onset diabetes of the young
NFAT	Nuclear factor of the activated T-cell
NO	Nitric Oxide
NOGPs	Non oxidation glycation products
NOS	Nitric oxide synthatase
NOX	NADPH oxidase
OGTT	Oral glucose tolerance test
ONOO	Peroxynitrite.
PARP	Poly ADP-ribose polymerase
PGE2	Prostaglandin E2
PI3K	Phospotidylinositol 3 Kinase