



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



# شبكة المعلومات الجامعية

## التوثيق الالكتروني والميكرو فيلم



شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

## قسم

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15-25- c and relative humidity 20-40%

بعض الوثائق  
الأصلية تالفه

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لم ترد بالأصل

**THE STUDY OF LIPOPROTEIN (a) LEVEL  
IN DIABETES MELLITUS AND ITS  
RELATION TO DIABETIC RETINOPATHY**

*Thesis*

**Submitted for Partial Fulfillment of Master Degree  
In CLINICAL PATHOLOGY**

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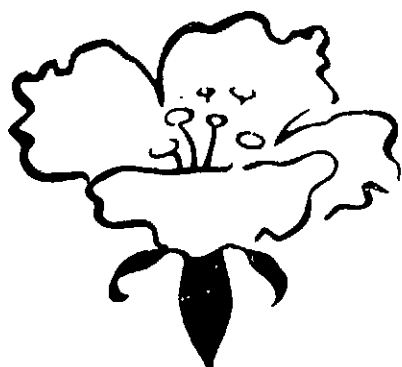
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*To*

*My Beloved Family*

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## LIST OF ABBREVIATIONS

Apo (a)	Apolipoprotein (a)
Apo B100	Apolipoprotein B100
CIE	Counter immunoelectrophoresis
CZE	Capillary zone electrophoresis
DELFA	Dissociation-enhanced lanthanide fluorescence immunoassay
ELISA	Enzyme linked immunosorbent assay
ESRD	End stage renal disease
HbA1c	Glycosylated hemoglobin
HDL	High density lipoprotein
(HDL)c	High density lipoprotein cholesterol
(HMG)CoA	Hydroxymethyl glutaryl CoA
HRP	Horse radish peroxidase
IDDM	Insulin-dependent diabetes mellitus (IDDM)
IRMA	Immunoradiometric assay
LDL	Low density lipoprotein
(LDL)c	Low density lipoprotein cholesterol
Lp (a)	Lipoprotein (a)
NAC	N-acetyl cysteine
NDDG	National Diabetes Data Group
NIDDM	Non-insulin dependent diabetes mellitus
OGTT	Oral glucose tolerance test
PEG	Polymer enhancer polyethylene glycol
RIA	Radioimmunoassay
RID	Radial immunodiffusion
TMB	Tetramethyl benzidine
VLDL	Very low density lipoprotein
WHO	World Health Organization
KDa	Kilo dalton