بسم الله الرحمن الرحيم

HANAA ALY

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

HANAA ALY

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

HANAA ALY

"Studying the Role of Fat Mass and Obesity Associated (FTO) Gene Polymorphism in Treatment Outcome of Hepatitis C Virus"

A thesis submitted for partial fulfillment of master degree in pharmaceutical sciences
(Biochemistry)

By

Ahmed Saad Yousef Ibrahim

Demonstrator, Biochemistry Department, Faculty of pharmacy, Al-azhar University-
Assiut Branch.
Bachelor of Pharmaceutical Sciences, Al Azhar University-Assiut branch, 2012

Under Supervision of

Prof.Dr. Hala Osman EL- Mesallamy

Professor of Biochemistry, Faculty of Pharmacy, Ain Shams University& Dean of Faculty of
Pharmacy, Sinai University, Kantara Branch

Prof. Dr. Nahla Shehata Kotb

Professor of Biochemistry, Egyptian Drug
Authority

Dr. Al-Aliaa Mohamed Sallam

Assistant Professor of Biochemistry,
Faculty of Pharmacy, Ain Shams University

Biochemistry Department
Faculty of Pharmacy
Ain Shams University
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بسم الله الرحمن الرحيم

"يَرْفَعِ اللَّهُ الَّذِينَ آمَنُوا مِنكُمْ وَالَّذِينَ أُوتُوا الْعِلْمَ دَرَجَاتٍ وَاللَّهُ بِمَا تَعْمَلُونَ خَبِيرٌ "

صدق الله العظيم

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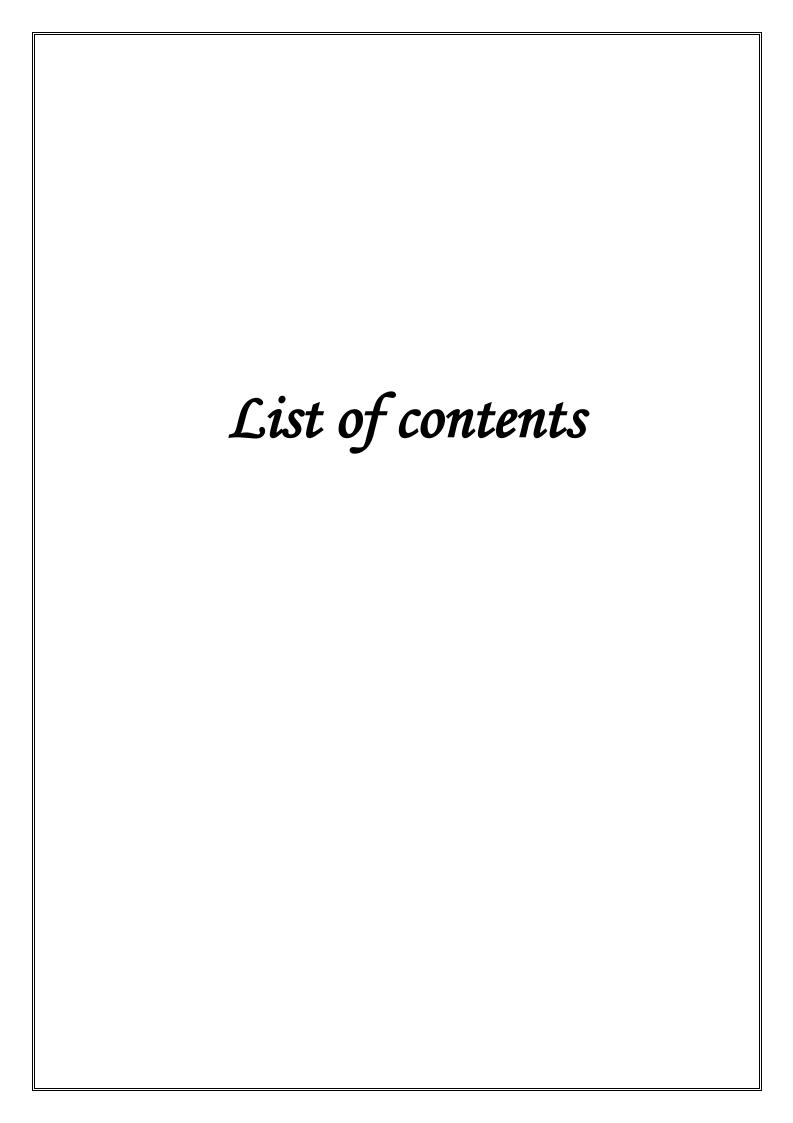
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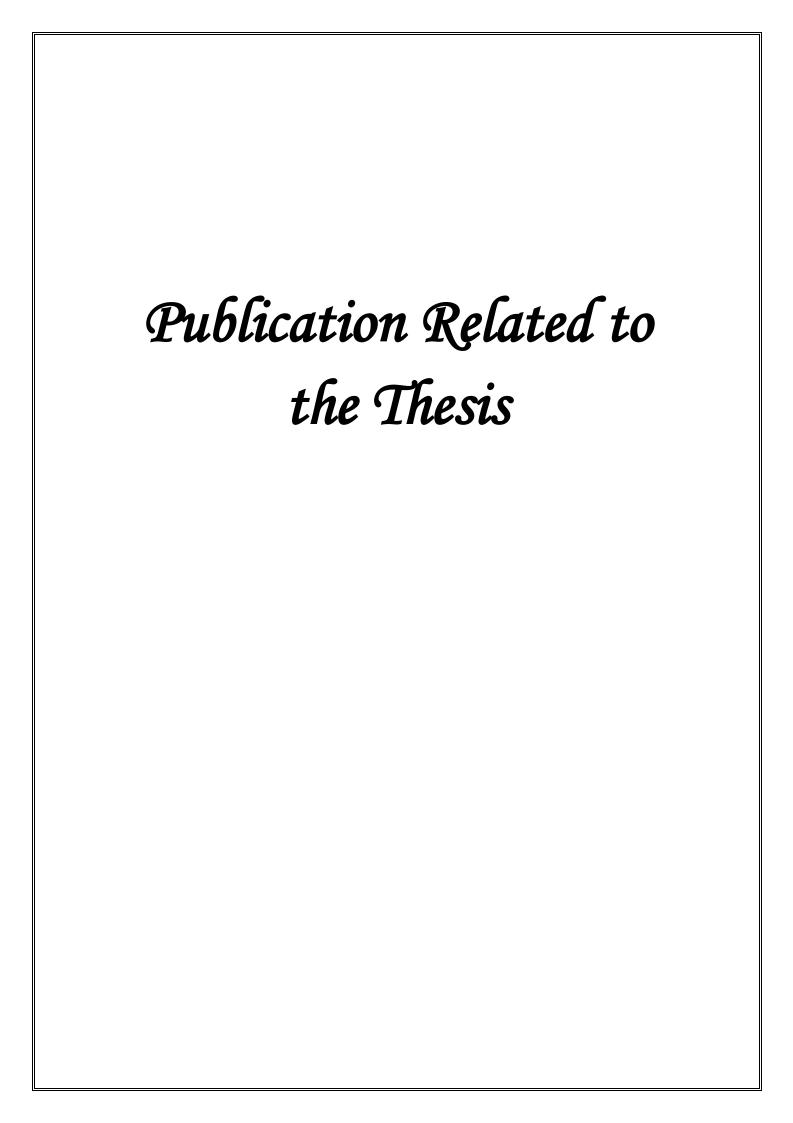
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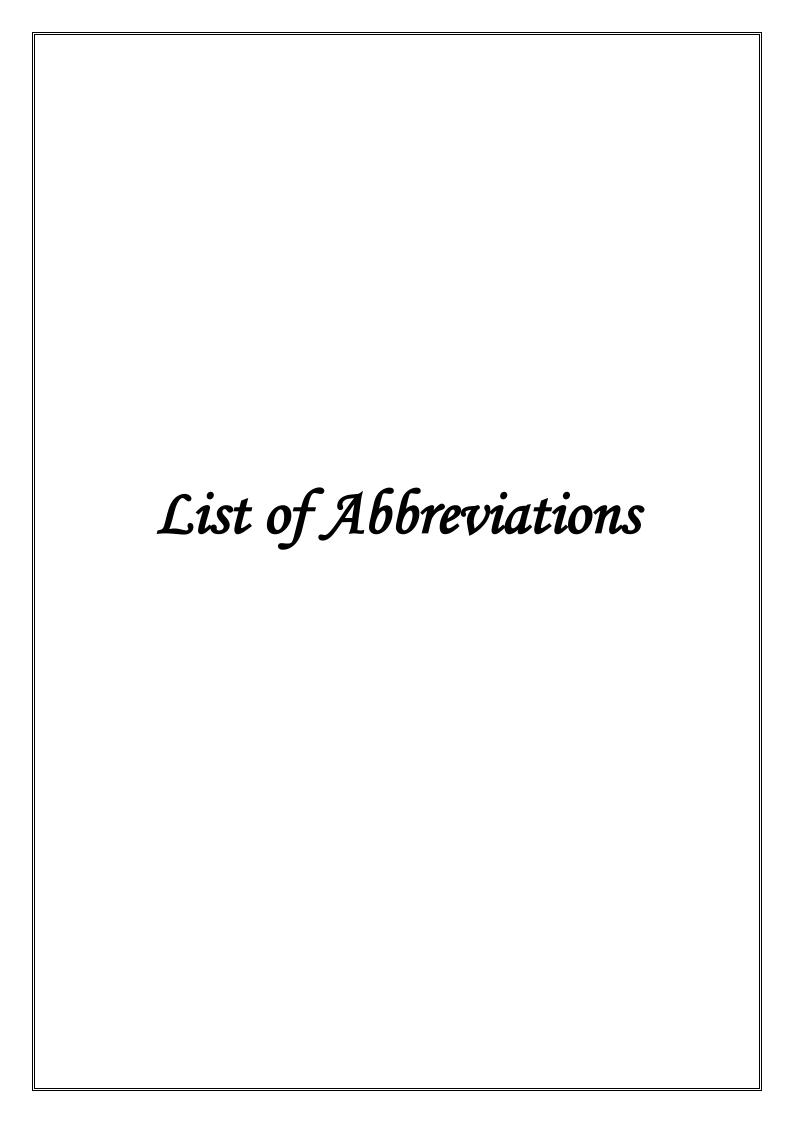
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Publication Related to the Thesis

List of Abbreviations

Abbreviation	Definition
AFP	Alpha-fetoprotein
BMI	Body mass index
CHC	Chronic Hepatitis C
DAAs	Direct acting antivirals
ELISA	Enzyme-linked immunosorbant assay
FPG	Fasting plasma glucose
FTO	Fat Mass and Obesity Associated Gene
GWAS	Genome wide association studies
HCC	Hepatocellular carcinoma
HCV	Hepatitis C virus
HOMA	Homeostatic model assessment
HWE	Hardy–Weinberg equilibrium
IP3	inosine triphosphatase
IR	Insulin resistance
IFN-α	Interferon alpha
ISGs	Interferon stimulated genes
JAK-STAT	Janus kinase-signal transducer and activator of transcription
LDLr	low-density lipoprotein cholesterol receptor
MHC	major histocompatibility complex
NR	Non responders
NS	Non structural
OR	Odds ratio
PEG-IFN-α	Pegylated interferon alpha
RBV	Ribavirin
Pi3K	phosphatidylinositide 3-kinases
PKB	Protein kinase B

ROC	Receiver operating characteristic
SD	Standard deviation
SNPs	Single nucleotide polymorphisms
SOF	Sofosbuvir
SVR	Sustained virologic response
T2DM	Type 2 diabetes mellitus
UTRs	Untranslated regions

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