



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



HANAA ALY



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شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس

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"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)

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2021

بسم الله الرحمن الرحيم

"يَرْفَعِ اللَّهُ الَّذِينَ آمَنُوا مِنْكُمْ وَالَّذِينَ

أُوثُوا الْعِلْمَ دَرَجَاتٍ وَاللَّهُ بِمَا تَعْمَلُونَ

خَبِيرٌ"

صدق الله العظيم

سورة المجادلة من الآية ١١

Acknowledgements



Acknowledgements

I truly thank **God** for His kind help, guidance and enlightening my way to accomplish this work. May it be a step towards gaining His mercy and blessings and may **God** accept from us the good deeds, and forgive us in shortcomings.

My deepest thanks and gratitude goes to my **Prof. Dr. Hala Osman El-Mesallamy, Professor of Biochemistry, Ain Shams University and Dean of Faculty of Pharmacy, Sinai University, Kantara Branch** for her dedicated supervision, precious time, great efforts, faithful advice, continuous unlimited support and encouragement, and kind gestures in every moment throughout all this work. May it be added to her good deeds.

I would also like to express my gratefulness and appreciation for **Prof. Dr. Nahla Shehata Kotb, Professor of biochemistry at Egyptian Drug Authority**, for her kind cooperation, facilitating the work a lot.

Blessed I am to work under the supervision of **Dr. Al-Aliaa Mohamed Sallam, Assistant Professor of Biochemistry, Faculty of Pharmacy, Ain Shams University**, for her continuous, kind, priceless help, quick feedbacks and guidance in every step throughout this work. I wish her all the success.

I am truly thankful for **Dr. Mai Ismail Mehrez, fellow of hepatology, National Hepatology and Tropical Medicine Research Institute**. She was really supporting, helpful and very cooperative. I'm grateful to her.

Never to be forgotten or repaid back; the priceless help, patience, support and understanding of my **family** though out of this work.

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*Publication Related to
the Thesis*

List of Abbreviations

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<u>Abbreviation</u>	<u>Definition</u>
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

List of Abbreviations

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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