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STUDY OF APOLIPOPROTEIN E POLYMORPHISM AS A GENETIC BIOMARKER IN CORONARY ARTERY DISEASES

Submitted for fulfillment of
Master Degree (M.Sc) in Biochemistry

Presented by

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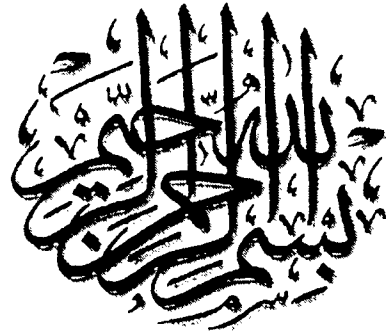
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وقل اعملوا فسيرى الله عملكم
ورسوله والمؤمنون وستردون
إلى عالم الغيب والشهادة فينبئكم
بما كنتم تعملون



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Coronary Artery Diseases**

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I dedicate this work to my father, Mother & My family.

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List of Abbreviations

AD	Alzheimer disease
ADP	Adenosine Di-Phosphate
Apo A-I	Apolipoprotein A type 1
Apo A-II	Apolipoprotein A type 2
Apo A-IV	Apolipoprotein A type 4
Apo B	Apolipoprotein B
Apo C	Apolipoprotein C
Apo C-II	Apolipoprotein C type 2
Apo D	Apolipoprotein D
Apo E	Apolipoprotein E
APO E2	Apolipoprotein E type 2 allele
APO E3	Apolipoprotein E type 3 allele
APO E4	Apolipoprotein E type 4 allele
Arg	Arginine
ATP	Adenosine-Tri-Phosphate
bp	Base Pair
C/T	Cytosine Thiamine Ratio
cDNA	Cyclic Deoxy Ribonucleuside
CE	Cholesteryl ester
CHD	Coronary Heart Disease
CHE	Cholesterol esterase
CHO	Cholesterol oxidase
CM	Cylomicrons
CSF	Cerebro-Spinal Fluid
C-terminal	Carbon Terminal
CVD	Cardio-Vascular Disease
Cys	Cysteine
DM	Diabetes Mellitus
DNA	Deoxyribonucleic acid